

DELTAPLUS

THE SAFETY BOOK



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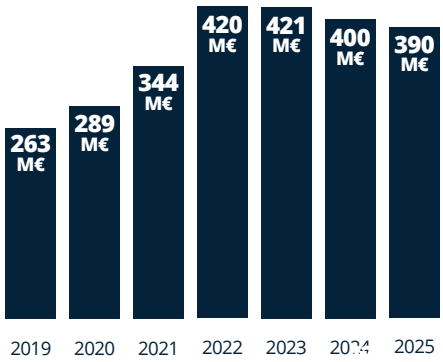
Our **activity**

Our job is to protect women and men at work. To this effort, we design and manufacture complete personal and collective protection solutions for professionals worldwide.

1 family & independent group

3,700 employees

Change in **turnover**



We are present through our **49 subsidiaries in 31 countries** around the world and distribute our products in over **110 countries**.

Our global offer covers the 5 main families of personal protective equipment and collective protection systems, and is available in more than **1,100 models, divided into more than 7,200 references**.

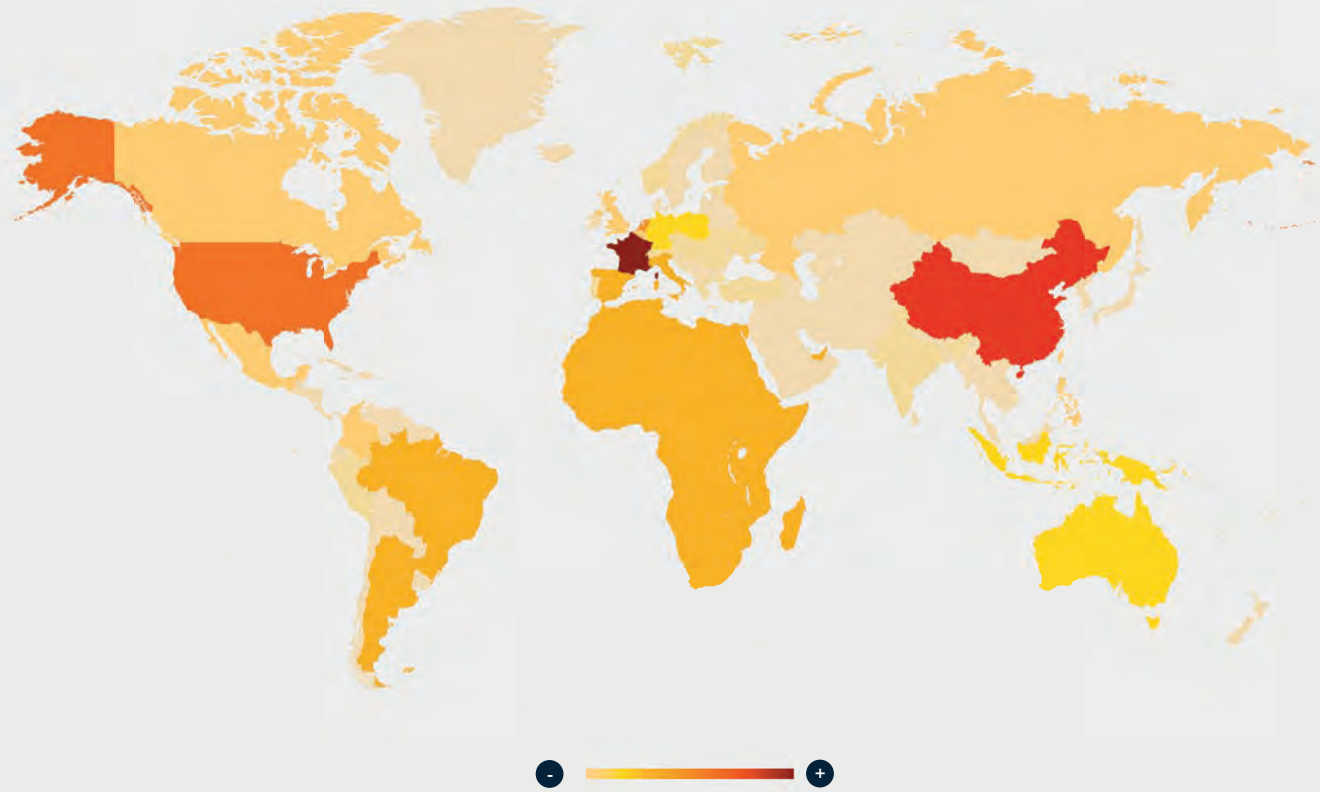
Our products are designed around three key concepts: protection, comfort and design. Each of our solutions is challenged by our research and development experts. This allows us to offer more advanced and differentiating solutions.

And because we manufacture **85% of our products, through our 20 production facilities** around the world, we stand behind the quality of our services. Combined with our global and integrated logistics organisation, we are able to offer a benchmark service in the industry.

All our **3,700 employees** are committed to the satisfaction of our customers, both distributors and users, who are supported by our specialist teams on a daily basis.

Delta Plus' organic growth is complemented by external growth: 11 acquisitions have been finalised in recent years (from 2021 to 2025). Our vision and direction are focused on long-term sustainability. This is the hallmark of our independence, the hallmark of your safety.

Distribution of sales by continent



49
subsidiaries in **31** countries

20
production sites

20
warehouses

2
Asian logistics platforms

2
European logistics platforms

Family history

Jacques Benoit based Delta Plus in Apt, Provence, in 1977. At that time, the PPE sector still had a long way to go. He then began marketing rainwear, protective boots, and then work gloves.





In the 80s, Jacques Benoit created a rain gear, the 304, which would become a huge success.

In the 2000s, Delta Plus started manufacturing.

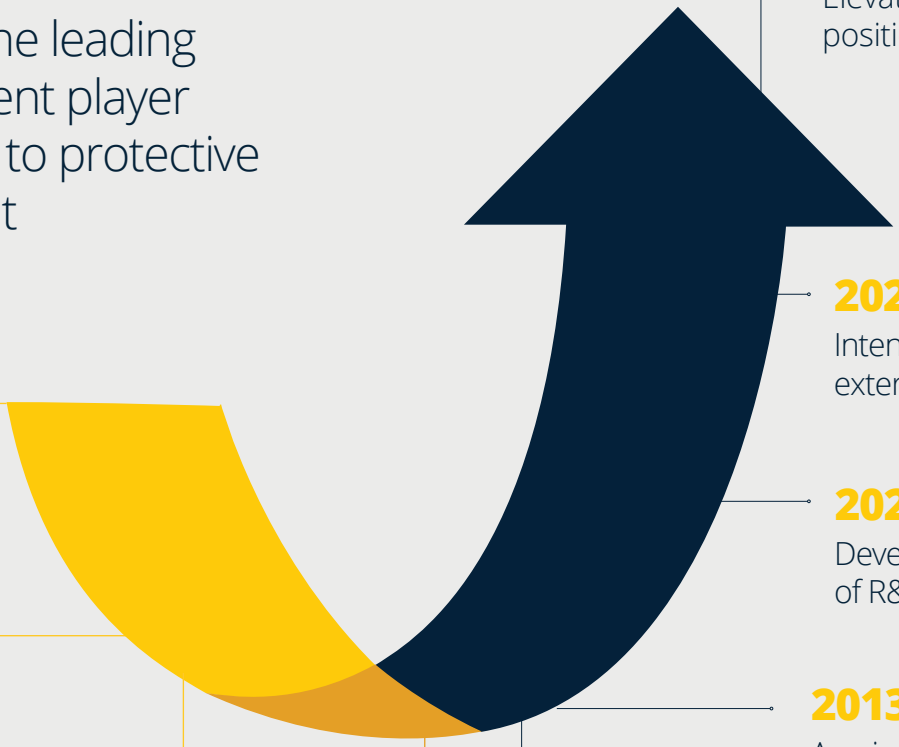
In 2011, Jérôme Benoit, Jacques' eldest son, 28 years old and a graduate of HEC, succeeded him.

This success story has its roots in diversification and globalisation.

Thanks to its long-term orientation, the Delta Plus Group has gone from being a pioneer in the distribution of protective gloves and boots in 1977 to a global, multi-specialist, multi-industry designer and manufacturer worldwide 50 years later.

Stages of **construction**

Become the leading independent player dedicated to protective equipment



1977
Creation

1990
Five product families

1995
Creation of a group through a European extension

1999
Beginning of internal production

2007
Globalisation of the group

2013
A unique brand

2020
Development of R&D

2022
Intensification of external growth

2025
Elevate our positioning

1977 — 2005 — 2007 — 2013 — 2021

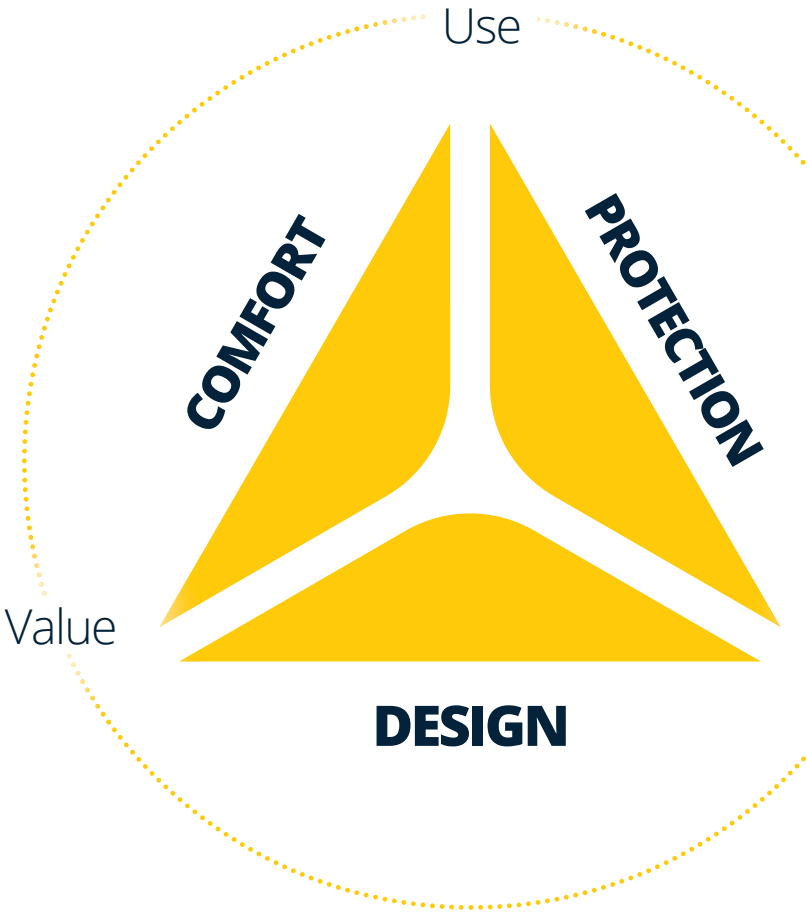
Our **identity**

Our product offer is built on the triad of Protection, Comfort and Value.

Our offer includes systematic eco-design in each of our specifications, in order to drive our development while limiting our impact on future generations.

At the same time, we have developed an eco-score, a simple rating system that can be adapted to all product families to measure the environmental impact of our products. We have also reduced the amount of packaging for some of our products, and systematise the use of recyclable materials.

With our global offer and services, Delta Plus positions itself to offer a protection solution for each business sector.



A global offer on **the 5 main families of individual and collective protection.**

Smart

We are the leading independent manufacturer with an increasingly sophisticated know-how in each of the PPE families.

Right

We offer the best response to common hazards, with reliable, quality PPE for the greatest number of users, at fair value.

Community

Our team spirit is oriented towards our partners and based on transmission, co-construction and support.

Multi-national

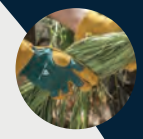
We are a multilingual brand that understands the needs of professionals in all countries, industries and company sizes.

Wellness

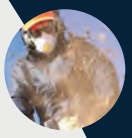
We offer a complete range of products, from head to toe, which responds to users' concerns in terms of well-being, image and environmental impact.

Function

- 32%
- 23%
- 17%
- 17%
- 11%



Agriculture
Forest industry
Fishing



Contruction



Public services
Energy



Manufacturing industry



Business services



Food industry



Oil & gas (extraction)
Petrochemicals
Mining industry



Transport
Storage



Other sectors

Research **and development**

From design to standard, from environmental requirements to value creation.

Our international engineering team provides products that meet local standards and customer requirements. Project managers and business specialists cover all our subisdiaries and coordinate with our teams close to the production sites to ensure industrialisation and quality on a daily basis.

Environmental requirements are a major concern for all our products, whether it is the search for organic or recycled materials that meet our quality requirements, or the inclusion of the environmental footprint in the product specifications from the very outset of a project.

A worldwide networked organisation

- **56** dedicated persons
- **€5 M** invested
- **22** projects launched
- **55** projects under development per year



A team of specialists in:

- Project management
- Computer aided design (CAD)
- Plastics and chemical compounds
- Mechanics and simulation

An ecosystem of external experts:

- Machine manufacturers
- Material suppliers
- Testing and prototyping laboratories
- Specialists in emerging technologies

Internal laboratories for:

- Development tests
- Testing of standards

State-of-the-art resources for:

- Management of technical data
- Calculations and simulations
- Prototyping (numerical control machines, 3D printing)
- Project planning and capitalisation

Manufacturing



Our certifications

- **DELTA PLUS / FROMENT** FRANCE
  DELTA PLUS SYSTEMS FRANCE
- **ALLSAFE** DUBAI
- **DELTA PLUS** INDIA
- **DELTA PLUS** CHINA
- **DELTA PLUS** U.S.A.
- **PRO SAFETY** BRAZIL
- **ESLINGAR** ARGENTINA
- **DELTA PLUS** COLUMBIA
- **MASPICA** ITALY
- **SAFETYLINK** AUSTRALIA

100%

80%

70%

We operate in a regulated global market in many countries. Thus, we must manage requirements that may vary greatly between countries or regions.

The control of our production processes (internal and external) allows us to guarantee our customers quality products across the world.

The common goal of our product managers and services is to offer reliable, sustainable, high-performance products in compliance with the regulations and/or standards of each territory where they are used.

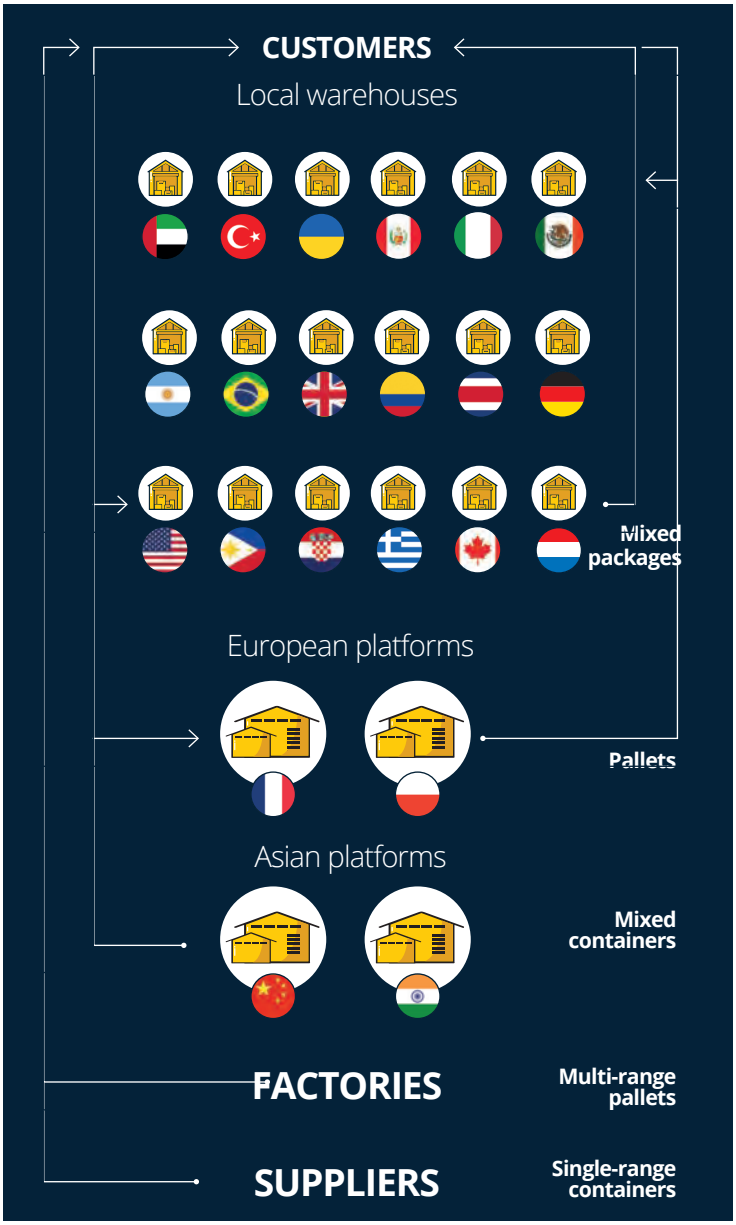
Our **supply chain***

From forecasting to delivery, an integrated end-to-end market process.

Our supply chain organisation is unique and structured around 5 major areas. An integrated model based on the group's sales forecasting, product cycle planning, supplier and production plant planning and capacity management, and warehouse and distribution operator efficiency.

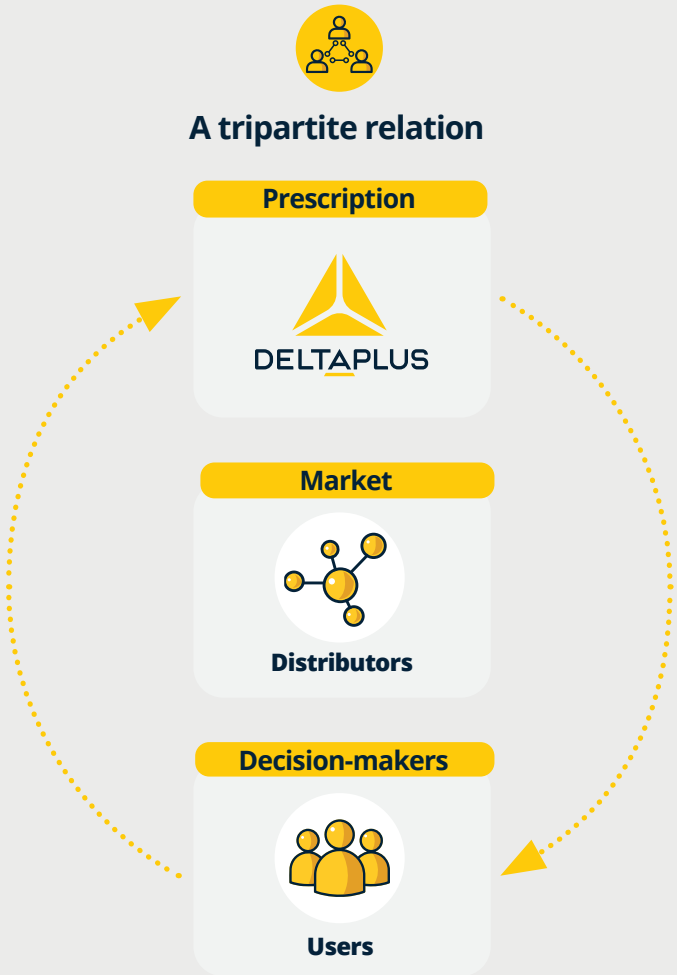
Its management is centralised in France and is based on a rigorous structuring of processes and controls. It also relies on **4 consolidation logistics platforms** to supply to our subsidiaries and customers around the world. Two of these platforms are located in Asia (China and India) and two in Europe (France and Poland). Our IT system, harmonised on each of the platforms, **is based on an expert demand management system**. It thus provides real-time information on stock levels, incoming and outgoing flows. Our ambition is to further integrate our supply chain with blockchain technology.

This organisation allows us to serve customers in all countries according to the most advantageous logistic scheme for them, guaranteeing the availability of quality products across our entire range of platforms and warehouses.



Recommendation

Our specialist teams undergo advanced training to provide the most appropriate personal protective equipment and/or collective protection system solution for each working environment.



They are then in a position to propose risk analyses for each work situation identified, carry out workstation audits and guide you towards the best possible protection solution.

DELTAPLUS training

With training centres for PPE and work at heights, we support end-users across the world in the prescription of PPE, its correct use and inspection.

Positive **impact**

Our mission is to protect men and women at work by designing and manufacturing complete personal and collective protection solutions for professionals worldwide.

And this mission of protection is broken down into 10 CSR commitments, based on 3 pillars.



People

So that our employees have the means to flourish in their work, in good health and in complete safety.

Safety at work
- **0%** accidents at work

Training & skills development
- At least **1** training session every 6 years, for employees in France and for **30%** of those assessed internationally

Employee health & protection
- **100%** coverage of our employees in three areas including health & disability throughout the group

Time & Attendance & Resource Management
- Remain below the **3%** threshold in absenteeism over 6 consecutive months

SUSTAINABLE DEVELOPMENT GOALS



Planet

To conduct our economic development while limiting its impact on future generations.

Waste management
- Achieve a recycling rate of over 50%.

Impact on climate change
- Carry out complete carbon assessments of plants and logistics platforms and implement actions to reduce them

Saving resources
- Reduce our resource consumption ratios at all sites group

Impact of product life cycle
- Cross the **15%** threshold materials recycled in 2030



Sustainable

Economy

To develop our business in a safe, ethical and responsible way.

Fair practice
- **100%** of employees informed of anti-corruption & ethical rules, and **100%** trained for at-risk populations

Involvement of suppliers in our approach
- **100%** compliance of selected suppliers & 2 CSR themes covered



OUR SOLUTIONS

Workplace **audit**

Partnering to deliver a unique personal safety assesment at your workplace (PPE and collective protection systems).

- Observation and analysis of work environment risks
- Protective solutions adapted to identified risks
- Test phase of recommended products
- Validation of the solutions by the user

Recommendations from an expert

The right product to match your risks

Technical **days**

Present Delta Plus products in your premises with dedicated teams.

- Events on your premises to present new products and standards
- Direct product tests

Point of sale promotion

Improving employee skills

Product demonstrations



Customisation

Single-source product sourcing and customisation

Manufacturing industry-specific products

Personalise to specific requests.

We can personalise products such as helmets and workwear. We also offer products outside the catalog sales plan.

- Pad printing
- Silk-screen printing*
- Embroidery*
- Manufacturing products specific to your needs, subject to conditions

In collaboration with a partner.



Progress **plan**

Participate in composing progress plans.

- Participating in drawing progress plans
- Streamlining the range
- Suggesting substitute articles
- Optimising purchasing flows
- Controlling the overall cost of ownership of the solution

Documenting direct and indirect gains in €.

e.g. reduced ordering costs, EDI, paperless invoicing, dedicated stock, etc.



"Vending Machine"* **Solution**



24/24 7/7 Products available 24/7, right at the workstation

Time-saving and productivity gains for users

The natural consumption of PPE reduced by nearly 20% in the first year.

Offering an automatic distribution solution for your PPE

- Defining requirements in collaboration with the end-user customer
- Offering a turnkey solution: products + equipment
- User training

In partnership with "vending machine" specialists.

Website

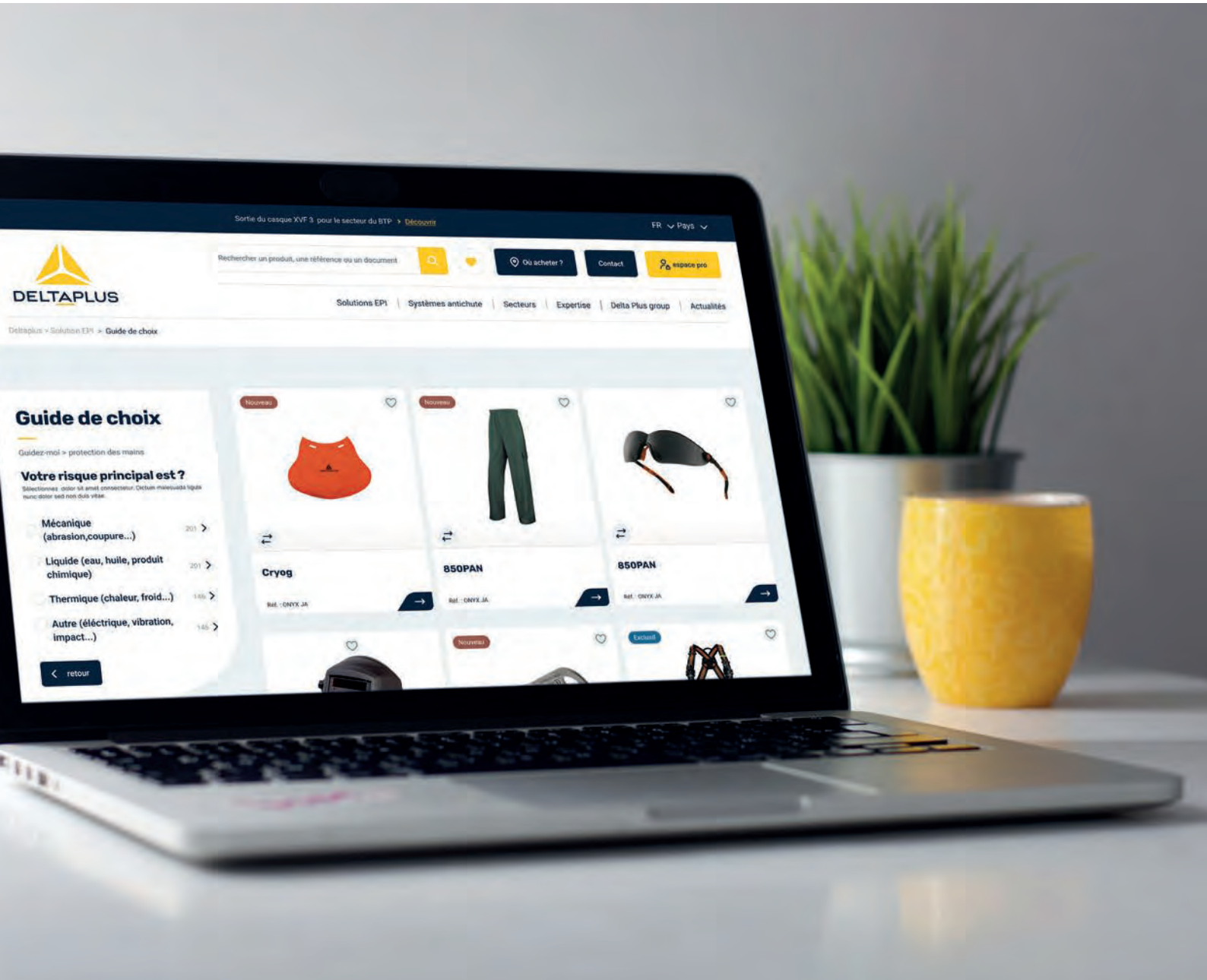
Streamlining the online ordering experience.

- Placing orders
- Downloading invoices and delivery slips
- Downloading technical data sheets and declarations of conformity
- Retrieving order history
- Having the details of a sales contact
- Subscribing to our newsletter
- Visiting our download center to create your marketing materials

Placing orders online

24/24 7/7 24/7 access to your account management

Access to your order report



Customised **documents**



Support in the production of Delta Plus product catalogs

Save time for your marketing teams

Generating your own catalog.

A simple, user-friendly platform that allows us to create your own catalog from the Delta Plus product database..

- Selecting the list of products to be included in the catalog from our database (photos, texts, and standards)
- Network generation
- Page layout using the templates and page backgrounds provided
- Insertion of publication pages (selection aids, technical information)
- Generation of low or high definition pdf for printing

NFC (Delta check) **Application**

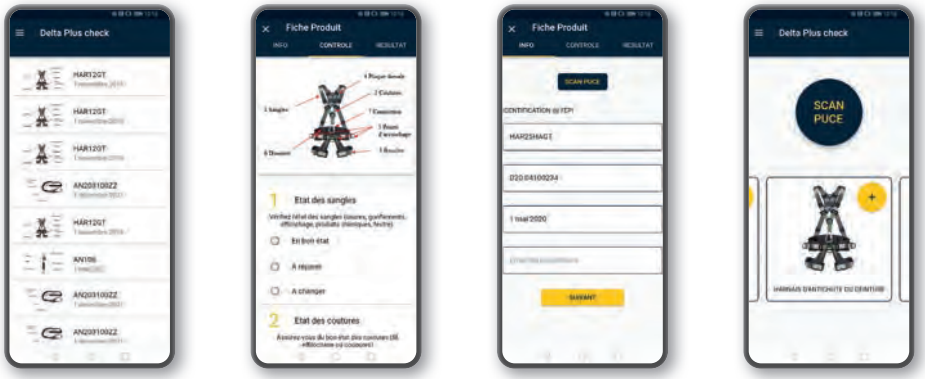
Allowing fall arrest equipment to be checked annually.

- Our fall arrest products are equipped with an electronic chip indicating the product reference, serial number and manufacturing date.
- The NFC application allows tracking the product inspection status and receiving an email notification before each mandatory inspection.

Autonomy in monitoring equipment to ensure compliance

Developer security





On line **store locator**

Mapping the main distributors of Delta Plus products on our website.

- A store locator is a mapping solution , integrated into a website for store locations such as opening hours, address, or directions.

International presence

Increased online visibility

Inspection

Turnkey product

User safety

Verify and validate your equipment.

Our teams carry out the initial inspection, approval, and periodic inspection of your fall arrest equipment and systems.

- Lifelines, anchorage points & Personal Protective Equipment (PPE) (monitoring class III equipment)
- Monitored equipment collective protection
- Railings & means of access
- Individual protection
- Components of an inspection service: inspection of technical documents & marking
- Checking conformity and design of components
- Checking their working condition
- Checking related accessories identification for anomalies and areas of improvement.
- Fitting of an inspection collar submission of a detailed report



Maintenance & **compliance**



Replace equipment in the event of non-compliance.

Replace equipment in the event of non-compliance.

- Our teams inspect your equipment and fall arrest systems, and replace them if they are found to be non-compliant.
- Equipment supported collective protection railings & means of access individual protection

User safety

Peace of mind in terms of compliance

Installation

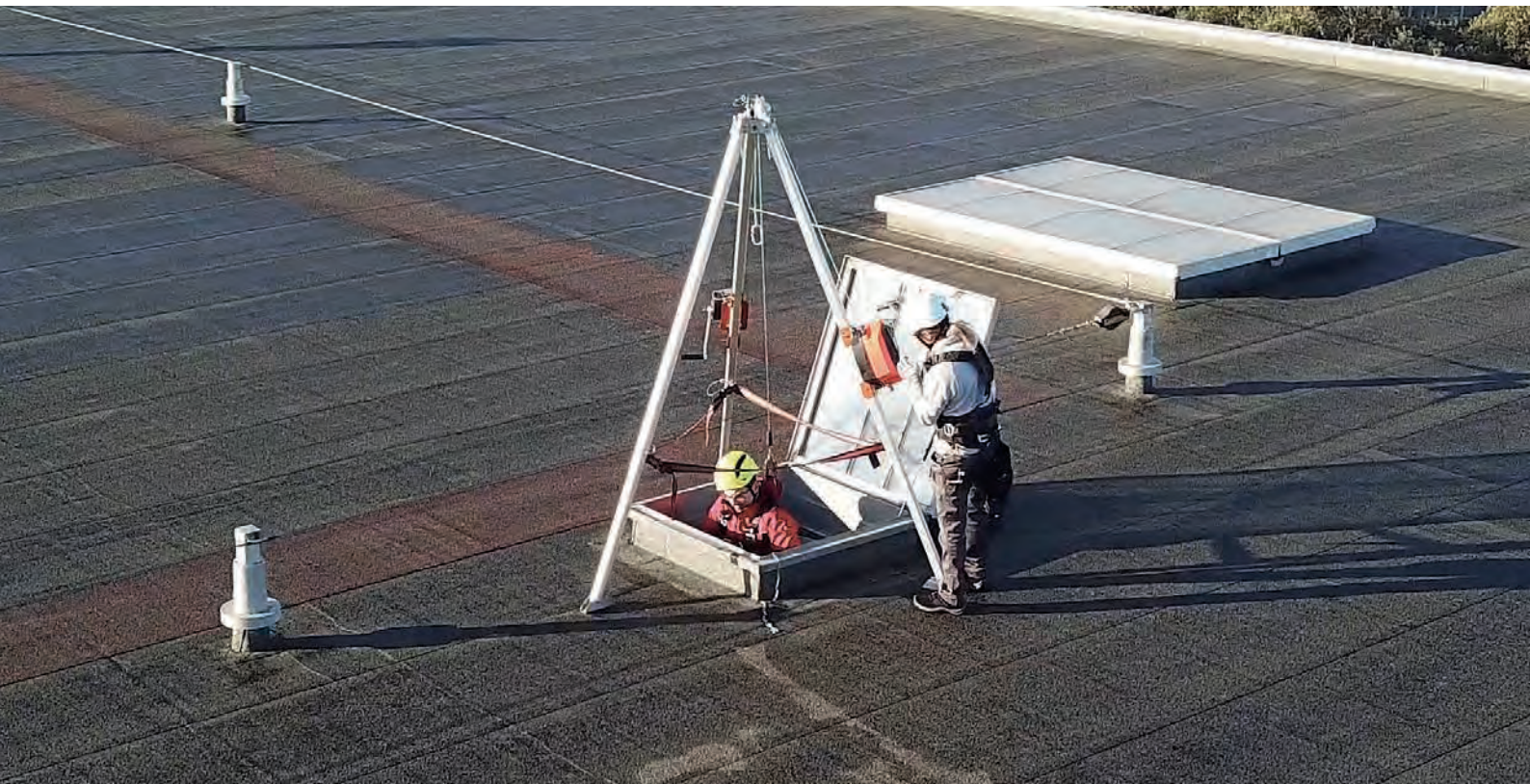
Offering ready-to-use fall arrest systems.

Turnkey product

User safety

Our integrated assembly teams are trained and qualified to work at heights. They can adapt to your on-site constraints and install your fall arrest systems anywhere in the territory.

- Training & certification
- ATEX
- CACES PEMP
- CATEC – Confined spaces
- 1st intervention team member
- Scaffolding
- Stacker
- Gestures and postures
- Electrical certification HOBO
- HMechanical certification
- Slinger
- Asbestos prevention consultant & operator
- Rope work
- SS4
- Chemical risk N1
- Safety at height
- Road risk awareness
- S.S.T.



Training & **certification**

Teaching and validating the right behaviours to intervene with complete safety (regulated training organisation).

As a regulated training organisation, we pass on our knowledge and experience, teaching the right techniques and practices to protect you from all the risks associated with a professional activity.

Our certifications:

GW QUALIOPI

We provide face-to-face training, practical training and e-learning options.

- Improving employee skills
- Upgrading standards on cat III equipment
- Handing over the authorisation to your employees to carry out the visual inspection

Work at heights

- Wind turbine
- Roofing
- Scaffolding
- S.S.T.
- Rope work
- PPE checks
- Mast
- Wearing a harness

PPE - End-users

- Rescue systems
- Rope work
- Raising awareness about working at heights
- Protecting people at work
- PPE inspection

Distributors

- Sales techniques applied to fall protection
- PPE recommendations: understanding the user environment
- European standards: what's new?
- Sales techniques applied to PPE
- Protecting people at work
- Fall protection







Eyewear protection

Safety glasses 32
Safety goggles 52
Welding 55
Safety visors 59

Skull protection

Safety helmets 62
Helmets accessories - Marking 71
Bump cap 74

Hearing protection

Ear defenders 76
Reusable earplugs 79
Disposable earplugs 80

Respiratory protection

Reusable respiratory 84
Disposable respiratory 97

EYEWEAR

All our polycarbonate glasses filter 99.9% of UV A, B or C (130 - 300 nm). Our UV400 glasses filter up to 400 nm.

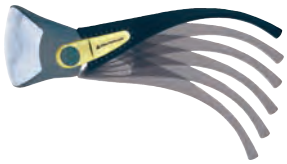
		Indoor / Outdoor														
											Weld		Detectable	**N:** Anti-mist **K:** Anti-scratch **AB:** Anti-mist Classic **ASAF:** Anti-mist + Anti-scratch Classic	Supplied accessories
		IN	Y	FU	FF	LM	M	P	OR	BB	T5	LYVIZ			
GLASSES ON TEMPLES	FUJI2	●							●						
	ASO2	●		●										KN	
	RIMFIRE	●						●							
	VULCANO 2 PLUS	●												KN	
	VULCANO 2	●		●											
	IRAYA	●	●	●											
	LIPARI2	●									●				
	HELIUM2	●		●									●		
	EGON	●	●	●		●									
	MILO	●		●									●		
	MEIA	●	●	●											
	KILIMANDJARO	●		●										AB	
	BRAVA2	●	●	●	●	●								AB	
	TANAGA	●													
	PACAYA	●		●							●	●			
	FUEGO	●													
	STROMBOLI	●	●	●		●				●				KN	
	SANTORINI	●	●	●										ASAF	
	BLACKBURN						●							N	
	PITON	●													
ON GLASSES	PITON3	●													
	HARUNA	●		●										ASAF	
	HEKLA2	●													
	BLOW 2	●			●	●									
HYBRID	VESUVE	●		●							●			KN	
	PACAYA STRAP	●										●			
	GO-SPECS TEC	●													
MASKS	IRAZU	●												KN	
	GALERAS	●		●											
	RUIZ1 ACETATE	●													
	RUIZ1	●													
	MURIA1	●													

INNOVATION IN COMFORT



2-in-1 interchangeable arms

Innovative system that quickly transforms glasses with arms into goggles



Tilting arms

Technology to adapt the glasses inclination to the shape of the face for a better hold



Double injection arms (D-fit)

Co-injected TPE providing flexibility and solidity for optimal fit all day (reduces pressure points)



Adjustable arms length

Allows you to adjust the glasses closer to the face for better fit all day



Nose bridge (D-PAD)

Allows for a better fit for more comfort and stability

Detectable

Addition of metal insert for magnetic or X-ray detection

Ideal for the food industry

CHOOSE THE RIGHT SHADE

CLEAR — Indoor

IN — Protects against mechanical hazards without glare.

YELLOW — Night

Y — Increases contrasts and gives a feeling of depth. Suitable for night driving.

BLUE BLOCKER — Indoor: blue light (screen)

BB — Lens filtering 65% of blue light.

GRADIENT — Outdoor: light

OR — Darker gradient at the top of the lens becoming lighter towards the bottom.
Clear vision and good protection against UV rays.

MIRROR / LIGHT MIRROR — Outdoor / Intense brightness

FF LM — Reflect light from the surface. Particularly suitable for activities carried out in intense light.

POLARISED — Outdoor: Intense brightness

P — Protection when working on reflective surfaces and against high risks of glare. Eliminates reverberation, improves colour perception and provides optimal visual comfort.

SMOKE — Outdoor: intense brightness

FU — Very good protection against the risk of natural glare with good color recognition.

T5 — Welding

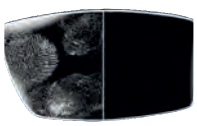
T5 — Light protection for welding activities.

TREATMENTS

LYVIZ™ — Oleo-hydrophobic treatment.
LYVIZ treated lenses have a very strong resistance to scratches and greatly limit the formation of fogging on the internal and external face and this permanently.



The drops of water (or other liquid) bead on the glasses, do not stain



Fingerprints and other greasy marks do not mark.

Blue



BLACKBURN BLUE

60 X

CE EN ISO 16321-1

ANSI/ISEA Z87.1 CSA Z94.3-20

Give style to your security: the design of a sports glasses, the protection of an advanced PPE
Lens : Polycarbonate - Monobloc | Curved 9 | Frame : Temples - Adjustable width, Non-slip temples, Flexible tip - Nylon | Weight : 34 g

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Anti-scratch coating Increasing lifespan

Red



BLACKBURN RED

60 X

CE EN ISO 16321-1

ANSI/ISEA Z87.1 CSA Z94.3-20

Give style to your security: the design of a sports glasses, the protection of an advanced PPE
Lens : Polycarbonate - Monobloc | Curved 9 | Frame : Temples - Adjustable width, Non-slip temples, Flexible tip - Nylon | Weight : 34 g

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Anti-scratch coating Increasing lifespan

Pink



BLACKBURN PINK

60 X

CE EN ISO 16321-1

ANSI/ISEA Z87.1 CSA Z94.3-20

Give style to your security: the design of a sports glasses, the protection of an advanced PPE
Lens : Polycarbonate - Monobloc | Curved 9 | Frame : Temples - Adjustable width, Non-slip temples, Flexible tip - Nylon | Weight : 34 g

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Anti-scratch coating Increasing lifespan

CE

EN ISO 16321-1
16321 DELTA CT 1-M CE - DELTA UL1.2 CT 1 CE

ANSI/ISEA Z87.1

X 100

VESUVE CLEAR

Hybrid glasses (elastic band or temple) with removable foam and adjustment system.
Lens : Polycarbonate - Two lens | Curved 9 | Frame : Temples with elastic headband - Adjustable width, Removable temples, Non-slip temples, Flexible tip - Polycarbonate

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Premium KN anti-scratch and anti-fog treatment for enhanced long-term durability

Clear



CE

EN ISO 16321-1
16321 DELTA CT 1-M CE - DELTA G3 CT 1 CE

ANSI/ISEA Z87.1

X 100

VESUVE SMOKE

Hybrid glasses (elastic band or temple) with removable foam and adjustment system.
Lens : Polycarbonate - Two lens | Curved 9 | Frame : Temples with elastic headband - Adjustable width, Removable temples, Non-slip temples, Flexible tip - Polycarbonate

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Premium KN anti-scratch and anti-fog treatment for enhanced long-term durability

Smoke



CE

EN ISO 16321-1
16321 DELTA CT 1-M CE - 16321 DELTA W4 CT 1-M CE

ANSI/ISEA Z87.1

X 100

VESUVE T5

Hybrid glasses (elastic arm or band) with removable foam and adjustment system for welding environment.
Lens : Polycarbonate - Two lens | Curved 9 | Frame : Temples with elastic headband - Adjustable width, Removable temples, Non-slip temples, Flexible tip - Polycarbonate

⊕ Fork-type headband provides low and consistent pressure on the wearer's head without sacrificing comfort.

Shade 5



Clear



STROMBOLI CLEAR

100 X

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI/ISEA Z87.1

CSA Z94.3-20

Glasses with temples that offer a perfect fit (lenses and nose piece) and maximum lens performance thanks to the K&N coating
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (KN) | Curved 9 | Frame : Temples - Adjustable width, Non-slip temples, Flexible tip - Polycarbonate - TPR | Weight : 28 g

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Premium KN anti-scratch and anti-fog treatment for enhanced long-term durability

Yellow



STROMBOLI YELLOW

100 X

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI/ISEA Z87.1

CSA Z94.3-20

Glasses with temples that offer a perfect fit (lenses and nose piece) and maximum lens performance thanks to the K&N coating
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (KN) | Curved 9 | Frame : Temples - Adjustable width, Non-slip temples, Flexible tip - Polycarbonate - TPR | Weight : 28 g

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Premium KN anti-scratch and anti-fog treatment for enhanced long-term durability

Brown



STROMBOLI BLUE BLOCKER

100 X

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI/ISEA Z87.1

CSA Z94.3-20

Glasses with temples that offer a perfect fit (lenses and nose piece) and maximum lens performance thanks to the K&N coating
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (KN) | Curved 9 | Frame : Temples - Adjustable width, Non-slip temples, Flexible tip - Polycarbonate - TPR | Weight : 28 g

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Premium KN anti-scratch and anti-fog treatment for enhanced long-term durability

Smoke



STROMBOLI SMOKE

100 X

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
G3 CT 1 CE

ANSI/ISEA Z87.1

CSA Z94.3-20

Glasses with temples that offer a perfect fit (lenses and nose piece) and maximum lens performance thanks to the K&N coating
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (KN) | Curved 9 | Frame : Temples - Adjustable width, Non-slip temples, Flexible tip - Polycarbonate - TPR | Weight : 28 g

⊕ Pantoscopic adjustment to tilt the lenses up or down and adapt to all face shapes
⊕ Premium KN anti-scratch and anti-fog treatment for enhanced long-term durability

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1,2 1 CT CE

ANSI/ISEA Z87.1

CSA Z94.3-20

X 100

SANTORINI CLEAR

No compromise between protection and style with our new innovative range!
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9 | Frame : Temples - Polycarbonate | Lateral protection - Rimless | Weight : 27 g

⊕ Extra soft nose bridge for an optimised comfort and perfect fit for all body types

Clear



CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI/ISEA Z87.1

CSA Z94.3-20

X 100

SANTORINI YELLOW

No compromise between protection and style with our new innovative range!
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9 | Frame : Temples - Polycarbonate | Lateral protection - Rimless | Weight : 27 g

⊕ Extra soft nose bridge for an optimised comfort and perfect fit for all body types

Yellow



CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
G3 CT 1 CE

ANSI/ISEA Z87.1

CSA Z94.3-20

X 100

SANTORINI SMOKE

No compromise between protection and style with our new innovative range!
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9 | Frame : Temples - Polycarbonate | Lateral protection - Rimless | Weight : 27 g

⊕ Extra soft nose bridge for an optimised comfort and perfect fit for all body types

Smoke



Clear



FUJI2 CLEAR

100 X

Clear-lens safety glasses with nose bridge and extremely flexible arms
Lens : Polycarbonate - Two lens | Curved 8 | Frame : Temples - Non-slip temples - Polycarbonate | Weight : 28 g

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87 U6

⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

Gradient



FUJI2 GRADIENT

100 X

Smoked-lens safety glasses with nose bridge and extremely flexible arms
Lens : Polycarbonate - Two lens - Fog/Anti-scratch (classic) | Curved 8 | Frame : Temples - Non-slip temples - Polycarbonate | Weight : 28 g

CE

EN166
1 FT / FT

EN172
UV 5 - 1.4 | 5 - 1.7

ANSI-ISEA Z87.1 - Impact
Z87 U6 L1.3

⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

Clear



ASO2 CLEAR

100 X

Clear-lens safety glasses with adjustable nose bridge and bi-material arms for comfort
Lens : Polycarbonate - Two lens - Fog/Anti-scratch (KN) | Curved 9.5 | Frame : Temples - Non-slip temples, Flexible tip - Polycarbonate - TPR | Weight : 28 g

CE

EN166
1 FT KN / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6

⊕ Anti-scratch coating Increasing lifespan

Smoke



ASO2 SMOKE

100 X

Very comfortable smoked-lens safety glasses with adjustable nose bridge and bi-material arms
Lens : Polycarbonate - Two lens - Fog/Anti-scratch (KN) | Curved 9.5 | Frame : Temples - Non-slip temples - Polycarbonate - TPR | Weight : 28 g

CE

EN166
1 FT KN / FT

EN172
UV 5 - 2.5

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L2.5

⊕ Anti-scratch coating Increasing lifespan

CE

EN172
UV 5 - 3.1

EN166
1 FT / FT

X 100

BLOW2 MIRROR

Mirror-finish 2-in-1 goggles with foam protection for use with temples or strap
Lens : Polycarbonate - Two lens | Curved 8 | Frame : Adjustable width, Removable temples, Non-slip temples - Polycarbonate | Weight : 38 g

⊕ Better fit than goggles for better comfort and worker acceptance: best compromise between safety glasses and goggles, more compact, lighter, more comfortable

Mirror



CE

EN170
UV 2C - 1.2

EN166
1 FT / FT

X 100

BLOW2 CLEAR

2-in-1 clear-lens goggles with foam protection for use with temples or strap
Lens : Polycarbonate - Two lens - Fog/Anti-scratch (classic) | Curved 8 | Frame : Adjustable width, Removable temples, Non-slip temples - Polycarbonate | Weight : 38 g

⊕ Better fit than goggles for better comfort and worker acceptance: best compromise between safety glasses and goggles, more compact, lighter, more comfortable

Clear



CE

EN172
UV 5 - 3.1

EN166
1 F / F

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L3

X 100

RIMFIRE MIRROR

Ballistic impact certified safety glasses with a sporty look
Lens : Polycarbonate - Two lens | Curved 9 | Frame : Non-slip temples - Polycarbonate | Weight : 28 g

⊕ Sporty wraparound sunglass styling that workers will enjoy to wear

Mirror



CE

EN172
UV 5 - 3.1

EN166
1 F / F

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L3

X 100

RIMFIRE POLARIZED

Ballistic impact certified safety glasses with a sporty look
Lens : Polycarbonate - Two lens | Curved 9 | Frame : Non-slip temples - Polycarbonate | Weight : 28 g

⊕ Sporty wraparound sunglass styling that workers will enjoy to wear

Polarized



Clear



VULCANO2 PLUS CLEAR

100 X

Very flexible, clear-lens safety glasses adaptable to all body shapes, with certified anti-fog and anti-scratch lenses
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (KN) | Curved | Frame : Temples - Adjustable witdh and height, Non-slip temples, Flexible tip - Nylon | Lateral protection | Weight : 37 g

CE

EN166
1 FT KN / FT

EN170
UV 2C - 1.2

ANSI Z87.1 - Impact
Z87+ U6

⊕ Temple length and ratchet angle adjustments for a perfect fit

Clear



VULCANO2 CLEAR

100 X

Very flexible, clear-lens safety glasses adaptable to all body shapes
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable witdh and height, Non-slip temples, Flexible tip - Nylon | Lateral protection | Weight : 37 g

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI Z87.1 - Impact
Z87+ U6

⊕ Temple length and ratchet angle adjustments for a perfect fit

Smoke



VULCANO2 SMOKE

100 X

Very flexible, smoked-lens safety glasses adaptable to all morphologies
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable witdh and height, Non-slip temples, Flexible tip - Nylon | Lateral protection | Weight : 37 g

CE

EN166
1 FT / FT

EN172
UV 5 - 3.1

ANSI Z87.1 - Impact
Z87+ U6 L3

⊕ Temple length and ratchet angle adjustments for a perfect fit

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

IRAYA CLEAR

Clear-lens safety glasses in a sleek, sporty design
Lens : Polycarbonate - Two lens - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Temples - Non-slip temples - Polycarbonate | Weight : 24 g

⊕ Extra soft nose bridge for an optimised comfort and perfect fit for all body types

Clear



CE

EN166
1 FT / FT

EN172
UV 5 - 3.1

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L3

X 100

IRAYA SMOKE

Smoked-lens safety glasses in a sleek, sporty design
Lens : Polycarbonate - Two lens - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Temples - Non-slip temples - Polycarbonate | Weight : 24 g

⊕ Extra soft nose bridge for an optimised comfort and perfect fit for all body types

Smoke



CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

IRAYA YELLOW

Yellow safety glasses in a sleek, sporty design, ideal for night driving
Lens : Polycarbonate - Two lens - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Temples - Non-slip temples - Polycarbonate | Weight : 24 g

⊕ Extra soft nose bridge for an optimised comfort and perfect fit for all body types

Yellow





Clear



LIPARI2 CLEAR

100 X

Extra flexible, clear-lens safety glasses with side protection
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable widdh and height, Non-slip temples, Flexible tip - Nylon | Lateral protection | Weight : 34 g

EN ISO 16321-1
16321 DELTA CT 1-M CE - DELTA UL1.2 CT 1 CE

ANSI Z87.1 - Impact
Z87+

⊕ Temple length and ratchet angle adjustments for a perfect fit

Shade 5



LIPARI2 T5

100 X

Extra flexible, shade 5 safety glasses with side protection for light welding work
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable widdh and height, Non-slip temples, Flexible tip - Nylon | Lateral protection | Weight : 34 g

EN ISO 16321-1
16321 DELTA W5 CT 1-M CE - 16321 DELTA W5 CT CE

ANSI Z87.1 - Impact
Z87+ L5

⊕ Temple length and ratchet angle adjustments for a perfect fit

Clear





FUEGO

100 X

Clear-lens safety glasses for use on a hard hat
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable width - Nylon | Weight : 34 g

EN166
1 FT / FT

EN170
UV 2C - 1.2

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

HELIUM 2 CLEAR

Ultra-lightweight clear-lens safety glasses with flexible arms
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Temples - Extra thin, Extra flat, Non-slip temples, Padded temples, Flexible tip - Polycarbonate | Weight : 17 g

Clear



⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L1.3

X 100

HELIUM 2 DETECTABLE

Ultra light blue safety glasses with metallic frames, ideal for the food industry
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Temples - Extra thin, Extra flat, Non-slip temples, Padded temples, Flexible tip - Polycarbonate | Weight : 17 g

Blue



⊕ Metallically charged blue frame visually detectable by X-ray and magnetismSuitable for the food industry
⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

CE

EN166
1 FT / FT

EN172
UV 5 - 2.5

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L2

X 100

HELIUM 2 SMOKE

Ultra light smoked-lens safety glasses with flexible arms
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Temples - Extra thin, Extra flat, Non-slip temples - TPE - Polycarbonate | Weight : 17 g

Smoke



⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)



Clear



EGON CLEAR

100 X

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI Z87.1 - Impact
Z87+ U6

One-piece, clear-lens safety glasses with wide field of protection and side protection
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Nylon - Polycarbonate | Weight : 34 g

⊕ Wide frame bringing a better fit for wider facial profile
⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

Yellow



EGON YELLOW

100 X

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI Z87.1 - Impact
Z87+ U6

One-piece, yellow safety glasses with wide field of protection and side protection, ideal for night driving
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Nylon - Polycarbonate | Weight : 34 g

⊕ Wide frame bringing a better fit for wider facial profile
⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

Mirror



EGON LIGHT MIRROR

100 X

CE

EN166
1 FT / FT

EN170
UV 2C - 1.7

ANSI Z87.1 - Impact
Z87+ U6 L1.7

One-piece, clear-lens safety glasses with wide field of protection and side protection, for indoor/outdoor use
Lens : Polycarbonate - Monobloc | Curved | Frame : Temples - Nylon - Polycarbonate | Weight : 34 g

⊕ Wide frame bringing a better fit for wider facial profile
⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

Smoke



EGON SMOKE

100 X

CE

EN166
1 FT / FT

EN172
UV 5 - 3.1

ANSI Z87.1 - Impact
Z87+ U6 L3

One-piece, smoked-lens safety glasses with wide field of protection and side protection
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Nylon - Polycarbonate | Weight : 34 g

⊕ Wide frame bringing a better fit for wider facial profile
⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

MILO CLEAR

Clear-lens , light and thin safety glasses
Lens : Polycarbonate - Monobloc | Curved 9 | Frame : Temples - Extra thin, Flexible tip - Polycarbonate | Weight : 18 g

Clear



⊕ Extra flat temples for optimal comfort and less pressure

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+

X 100

MILO DETECTABLE

Thin and light protective glasses with metal-filled frame, ideal for food industry
Lens : Polycarbonate - Monobloc | Curved 9 | Frame : Temples - Extra thin, Flexible tip - Polycarbonate | Weight : 18 g

Light Blue



⊕ Metallically charged blue frame visually detectable by X-ray and magnetismSuitable for the food industry

CE

EN166
1 FT / FT

EN172
UV 5 - 3.1

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L3

X 100

MILO SMOKE

Smoked-lens, light and thin safety glasses
Lens : Polycarbonate - Monobloc | Curved 9 | Frame : Temples - Extra thin, Flexible tip - Polycarbonate | Weight : 18 g

Smoke



⊕ Extra flat temples for optimal comfort and less pressure

Clear



MEIA CLEAR

100 X

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

Lightweight, one-piece, clear-lens safety glasses with non-slip tips
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Non-slip temples - Polycarbonate | Weight : 22 g

⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

Smoke



MEIA SMOKE

100 X

CE

EN166
1 FT / FT

EN172
UV 5 - 3.1

Lightweight, one-piece, smoked-lens safety glasses with non-slip tips
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Non-slip temples - Polycarbonate | Weight : 22 g

⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

Yellow



MEIA YELLOW

100 X

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

Very light, one-piece yellow safety glasses with non-slip tips, ideal for night driving
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Non-slip temples - Polycarbonate | Weight : 22 g

⊕ Anti-slip ends for an increased comfort and very good hold on the head (or on a helmet)

CE

EN ISO 16321-1
16321 DELTA U1.2 CT 1-M CE - DELTA UL1.2 CT 1 CE

ANSI Z87.1-2003
Z87+

X 100

KILIMANDJARO CLEAR AB

Clear-lens, one-piece safety glasses with side shields and anti-fog coating, ideal for laboratory applications
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable height, Flexible tip - Nylon | Lateral protection | Weight : 32 g

⊕ Adjustable length arms for less pressure

Clear



CE

EN ISO 16321-1
16321 DELTA U 1.2 CT CE - DELTA UL 1.2 CT 1 CE

ANSI Z87.1-2003
Z87+

X 100

KILIMANDJARO CLEAR

Clear-lens one-piece safety glasses with side shields, ideal for laboratory applications
Lens : Polycarbonate - Monobloc | Curved | Frame : Temples - Adjustable height, Flexible tip - Nylon | Lateral protection | Weight : 32 g

⊕ Adjustable length arms for less pressure

Clear



CE

EN ISO 16321-1
16321 DELTA G3 CT 1-M CE - DELTA G3 CT 1 CE

ANSI Z87.1-2003
Z87+

X 100

KILIMANDJARO SMOKE

Smoked-lens, one-piece safety glasses with side shields, ideal for laboratory applications
Lens : Polycarbonate - Monobloc | Curved | Frame : Temples - Adjustable height, Flexible tip - Nylon | Lateral protection | Weight : 32 g

⊕ Adjustable length arms for less pressure

Smoke



Clear



BRAVA2 CLEAR AB

100 X

Clear-lens safety glasses with side protection and anti-fog coating
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA UL1.2 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6

Clear



BRAVA2 CLEAR

100 X

Clear-lens safety glasses with side protection
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA UL1.2 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6

Yellow



BRAVA2 YELLOW

100 X

Yellow safety glasses with side protection, ideal for night driving
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA UL1.2 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6

Mirror



BRAVA2 LIGHT MIRROR

100 X

Mirror-finish safety glasses with side protection, for indoor/outdoor use
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA UL1.4 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L1.7

Mirror



BRAVA2 MIRROR

100 X

Mirror-finish safety glasses with side protection, for indoor/outdoor use
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA GL2 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L2.5

Smoke



BRAVA2 SMOKE

100 X

Smoke safety glasses with side protection
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

CE

EN166
1 FT / FT

EN172
UV 5 - 3.1

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA GL3 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6 L3

CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI/ISEA Z87.1

X 100

BRAVA2 WHEAT

Eco-designed glasses (66% of bio materials)
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Temples - Extra flat | Weight : 22 g

Clear



CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

BRAVA2 READER 10

Protective glasses with diopters +1
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

Clear



CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

BRAVA2 READER 15

Protective glasses with diopters +1.5
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

Clear



CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

BRAVA2 READER 20

Protective glasses with diopters +2
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

Clear



CE

EN ISO 16321-1
16321 DELTA CT
1-M CE - DELTA
UL1.2 CT 1 CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

BRAVA2 READER 25

Protective glasses with diopters +2.5
Lens : Polycarbonate - Monobloc | Curved 9.5 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 25 g

Clear



Clear



TANAGA CLEAR

100 X

CE

EN ISO 16321-1
DELTA-PLUS UL 1.2 CT CE

Safety glasses " office style"
Lens : Polycarbonate - Two lens - Fog/Anti-scratch (classic) | Curved 5 | Frame : Temples - Flexible tip - Polycarbonate | Weight : 30 g

⊕ Light and comfortable

Clear



HARUNA CLEAR

100 X

CE

EN ISO 16321-1
16321 DELTA CT CE - DELTA UL 1.2 CT CE

ANSI/ISEA Z87.1

CSA Z94.3-20

Mixed and adjustable overglasses
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable height, Flexible tip - Polycarbonate | Lateral protection | Weight : 35.3 g

⊕ Adjustable length arms for less pressure
⊕ Excellent industrial grade protection in a contemporary angular wrap style and with wide field of vision.

Smoke



HARUNA SMOKE

100 X

CE

EN ISO 16321-1
16321 DELTA CT CE - DELTA GL2 CT CE

ANSI/ISEA Z87.1

CSA Z94.3-20

Mixed and adjustable overglasses with smoked lenses
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable witdh and height, Non-slip temples - Polycarbonate | Lateral protection | Weight : 35.3 g

⊕ Adjustable length arms for less pressure
⊕ Excellent industrial grade protection in a contemporary angular wrap style and with wide field of vision.



CE

EN ISO 16321-1
16321 DELTA-PLUS CT CE - DELTA-PLUS UL 1.2 CT CE

X 100

PITON 3

Clear-lens, one-piece safety glasses with side shields, perfect for short term applications
Lens : Polycarbonate - Monobloc | Curved 4 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 30 g

Clear



⊕ Extra flat temples for optimal comfort wiht Ear muffs

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI Z87.1-2003
Z87+ U6

CSA Z94.3-20

X 100

PITON CLEAR

Clear-lens, one-piece safety glasses with side shields in a sporty design, perfect for short-term applications
Lens : Polycarbonate - Monobloc | Curved 4 | Frame : Temples - Polycarbonate | Lateral protection | Weight : 44 g

Clear



⊕ Wide frame bringing a better fit for wider facial profile
⊕ Easily fits over most medium sized prescription eyewear, safety and precise vision without compromise

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6

X 100

HEKLA2

Clear-lens over-glasses for wearing prescription glasses
Lens : Polycarbonate - Monobloc | Curved 3 | Frame : Temples - Flexible tip - Polycarbonate | Lateral protection | Weight : 37 g

Clear



⊕ Classic wide overspec for an economic solution for visitors or ponctual use

Clear



PACAYA CLEAR

100 X

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI Z87.1-2003
Z87+ U6

Clear-lens safety glasses with removable foam protection for intensive use
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 8 | Frame : Temples - Adjustable width, Flexible tip - Nylon | Lateral protection | Weight : 36 g

⊕ Ample indirect venting on the top and bottom of the lens to reduce moisutre infultration and fogging

Clear



PACAYA CLEAR STRAP

100 X

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI Z87.1-2003
Z87+ U6

Ultimately the best fitting Goggle-like spectacle , extra protective eyewear with a very good sealing in dusty environments and air circulation for superior anti-fog performance
Lens : Polycarbonate - Monobloc | Curved 8 | Frame : Adjustable width, Flexible tip - Nylon | Lateral protection

⊕ Gasket brings an increased comfort and optimal sealing
⊕ Wide frame bringing a better fit for wider facial profile

Clear



PACAYA CLEAR LYVIZ

100 X

CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

ANSI Z87.1-2003
Z87+ U6

Protective goggles with removable foam insert, lens with oleo/hydrophobic treatment for intensive use in all conditions
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 8 | Frame : Temples - Adjustable width, Flexible tip - Nylon | Lateral protection | Weight : 36 g

⊕ Gasket brings an increased comfort and optimal sealing
⊕ Wide frame bringing a better fit for wider facial profile

LYVIZ™

CE

EN166
1 FT / FT

EN172
UV 5 - 3.1

ANSI Z87.1-2003
Z87+ U6 L3

X 100

PACAYA SMOKE LYVIZ

Smoke

Protective goggles with removable foam insert, lens with oleo/ hydrophobic treatment for intensive use in all conditions
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 8 | Frame : Temples - Adjustable width, Flexible tip - Nylon | Lateral protection | Weight : 36 g



LYVIZ™

⊕ Ample indirect venting on the top and bottom of the lens to reduce moisutre infultration and fogging

CE

EN166
1 FT / FT

EN169
UV 5

ANSI Z87.1-2003
Z87+

EN172
UV 5 - 5

X 100

PACAYA T5

Shade 5

Shade 5 safety safety glasses, ideal for light welding work
Lens : Polycarbonate - Monobloc | Curved 8 | Frame : Temples - Adjustable width, Flexible tip - Nylon | Lateral protection | Weight : 36 g



⊕ Ample indirect venting on the top and bottom of the lens to reduce moisutre infultration and fogging

CE

EN166
1 BT / BT

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6 D3

X 100

GO-SPECS TEC CLEAR

Clear

The alternative to goggles for greater comfort - adjustable frame for a perfect fit, tapered design, ultra-lightweight, these compact goggles offer protection from liquid or solid splashes
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 9.5 | Frame : Headband - TPE | Lateral protection | Weight : 54 g



⊕ Ample indirect venting on the top and bottom of the lens to reduce moisutre infultration and fogging

Clear



IRAZU

60 X

Light, comfortable and ergonomic google with detachable wide elastic band .
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (KN) | Curved | Frame : Headband - TPE | Lateral protection - Vented | Weight : 75 g

CE

EN ISO 16321-1
16321 DELTA U 1.2 DT 3 4 CE - DELTA UL 1.2 1 DT K N CE

ANSI-ISEA Z87.1 - Impact
Z87+ U6

CSA Z94.3-20

⊕ Contemporary wrap-around bifocal design offers a close fit and comfortable protection.

Clear



GALERAS CLEAR

60 X

Clear-lens goggles for use with a respirator mask
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 10 | Frame : Headband - Nylon - PVC | Weight : 104 g

CE

EN ISO 16321-1
16321 DELTA DT 1-M 3 4 CE - DELTA DT 1 CE

ANSI Z87.1-2003
Z87+ U6 D3

CSA Z94.3-20

⊕ Contemporary wrap-around bifocal design offers a close fit and comfortable protection.

Smoke



GALERAS SMOKE

60 X

Smoked-lens goggles for use with a respirator mask, for outdoor work
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved 10 | Frame : Headband - Nylon - PVC | Weight : 104 g

CE

EN ISO 16321-1
16321 DELTA DT 1-M 3 4 CE - DELTA GL3 DT 1 CE

ANSI Z87.1-2003
Z87+D3 U6 L3

CSA Z94.3-20

⊕ Contemporary wrap-around bifocal design offers a close fit and comfortable protection.



2 FILMS GOGGLE

20 X

Set of 2 protective films for GALERAS.
Weight : 10 g

⊕ Shipped flat in protective film

CE
EN166
1 FT / 3 FT
CSA Z94.3-20

X 60

RUIZ 1 ACETATE

Clear-lens safety goggles resistant to chemical splashes
Lens : Polycarbonate - Acetate - Monobloc | Straight | Frame : Headband - PVC | Eyebrow protection - Vented | Weight : 86 g

Clear



⊕ Ample indirect venting on the top and bottom of the lens to reduce moisutre infultration and fogging

CE
EN166
1 B / 3 B
ANSI-ISEA Z87.1 - Impact
Z87+D3
CSA Z94.3-20

X 60

RUIZ 1

Clear-lens safety goggles with indirect ventilation for short term use
Lens : Polycarbonate - Monobloc | Straight | Frame : Headband - PVC | Eyebrow protection - Vented | Weight : 86 g

Clear



⊕ Extra soft nose bridge for an optimised comfort and perfect fit for all body types

CE
EN166
1 B / B
ANSI-ISEA Z87.1 - Impact
Z87+ U6
CSA Z94.3-20

X 60

MURIA 1

Clear-lens safety goggles with direct ventilation for short term use
Lens : Polycarbonate - Monobloc | Straight | Frame : Headband - PVC | Eyebrow protection - Vented | Weight : 60 g

Clear



⊕ Extra soft nose bridge for an optimised comfort and perfect fit for all body types

WELDING



BARRIER3
EN ISO 16321-2



SCREEN
EN ISO 16321-2



CASOUD2HE
EN ISO 16321-2



CASOUD3
EN166 / EN169 / EN175





TOBA3 T5
EN166 / EN169 / EN175



LIPARI2 T5
EN ISO 16321-2



PACAYA T5
EN166 / EN169



WELDING	MMMA	MIG	MAG	TIG	TORCH	PLASMA	LASER
Process	Electric arc + Electrode			Electric arc + Electrode Tunsten	Torch flame	Electric arc + Electrode	Laser ray
Gas supply	No	Inert protective gas (Argon or Helium)	Active protective gas (Argon/CO_2 or Argon/Oxygen)	Neutral gas (Argon)	Fuel gas (acetylene, propane, butane or methane) + Combustion gas (oxygen - hydrogen or natural gas)	Argon (principal) + Hydrogen or Helium (annular)	No
	3 500°C to 7 000°C			3 500°C	3 150°C	15 000°C to 25 000°C	
Metal supply	Yes (melting electrode)	Yes (metal coil)		Yes (Filler metal rod)	Yes	No	No
Example of jobs using these process	Craftsmen, locksmiths, metal workers, coachbuilders	Steel structure, boilermaking, metalwork / ironworks, railway and naval construction		Boilermaking, metalwork / ironworks	Plumbers, heating engineers, cold storage, locksmiths	Aeronautics, light and pharmaceutical Industry	Light and pharmaceutical Industry
Materials	Steel, stainless steel, cast iron, aluminum	Pure steel or weakly alloyed*	Stainless steel and copper alloy*	All type of metals (except light aluminum alloy*)	Copper, tin, brass, aluminum, zinc	Steels, stainless steel, aluminum and alloy*	Metals and plastics
Thickness	2 mm to 10 mm	0,5 mm to 10 mm		0,3 mm to 6 mm	Less than 2 mm	Micro plasma : 0,01 to 1 mm Plasma : 1 to 3 mm Unblocking spray plasma: 3 mm to 8 mm	2 mm to 8 mm
Features	Economical and good quality welding	High speed, regular and good quality welding bead		"Clean" welding, very high quality, slow process	Easy to settle, stand alone device. Easy to learn but average aspect.	Quality welding (fine and precise). Possibility of automatic process but rather slow. + Possibility to cut pieces	"Clean" and very high quality but expensive welding process + Cut of pieces in large series

* An alloy is the combination of a metallic element with one or several other chemical elements by melting, with the aim of modifying the mechanical properties of the basic metal.
Examples of known alloys :
- Cast iron: iron + carbon (between 2,1 and 6,7 % in carbon mass)
- Steel: iron + carbon (less than 2,1 % in carbon mass)
- Brass: copper + zinc / Bronze: copper + tin

CE

EN166
1 B

EN 379
1/1/1/2
4/5-13

EN ISO 16321-2
16321 DELTA-PLUS W 15 E CE

ANSI Z87.1 - Impact
Z87

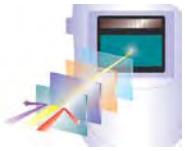
X 6

BARRIER 3

Welding mask with adjustable tinting suitable for all welding jobs
Lens : Polycarbonate | Weight : 500 g

Black-Grey





CE

EN166
1 B

X 100

BARRIER PLATE 2

Pack of 5 external spare screens for BARRIER 2 in polycarbonate.
Lens : Polycarbonate - Monobloc | Straight | Weight : 38 g

Clear

CE

EN166
1 F

EN175
F

EN 379
1/1/1/2
4/9

ANSI Z87.1 - Impact
Z87 W4/9-13

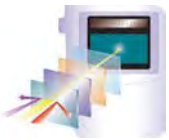
X 6

SCREEN

Welding mask suitable for electric arc and Tig & Mig welding applications
Lens : Polycarbonate - Monobloc | Straight | Weight : 474 g

Black





CE

EN166
1 F

X 150

SCREEN PLATE

Pack of 5 external spare screens for SCREEN in polycarbonate.
Lens : Polycarbonate - Monobloc | Straight | Weight : 14 g

Clear

X 20

BASWELD

Pack of 10 straps for BARRIER 2 and SCREEN welding helmets
Weight : 5 g

Black



Black



CASOUD2HE

10 X

Welding mask for applications that require shade 11 protection, for use on a safety helmet
Lens : Polycarbonate - Monobloc | Straight | Frame : Polypropylene | Weight : 304 g

CE

EN166
1 F / F

EN169
UV 11

EN175
F

Black



CASOUD 3

6 X

Welding mask with headband, for applications that requires shade 11 protection
Lens : Polycarbonate - Monobloc | Straight | Weight : 415 g

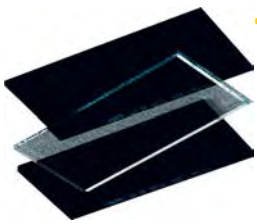
CE

EN166
1 F / F

EN169
UV 11

EN175
F

Clear



FILTER-IN

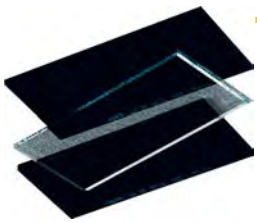
20 X

Pack of 5 clear polycarbonate screens, 108 x 51 mm. Fits CASOUD3 welding helmet and CASOUD2HE welding mask. Thickness: 1.8 mm
Lens : Polycarbonate | Weight : 140 g

CE

EN166
1 F

Green



FILTER 11

100 X

Pack of 5 mineral glass screens, shade 11, 108x51 mm. Fits CASOUD3 welding helmet and CASOUD2HE welding mask.
Thickness: 3 mm
Lens : Mineral | Weight : 240 g

CE

EN166
1

EN169
UV 11

CE

EN166
1 FT / FT

EN169
UV 5

EN172
UV 5 - 5

EN175
F/T

X 60

TOBA 3 T5

Red

Welding goggles with clear lens/shade 5 retractable lenses, perfect for occasional welding
Lens : Polycarbonate - Two lens | Straight | Frame : Headband - Nylon | Eyebrow protection | Weight : 157 g



⊕ Fork-type headband provides low and consistent pressure on the wearer's head without sacrificing comfort.

CE

EN166
1 FT / FT

EN169
UV 5

EN172
UV 5 - 5

ANSI Z87.1-2003
Z87+

X 100

PACAYA T5

Shade 5

Shade 5 safety safety glasses, ideal for light welding work
Lens : Polycarbonate - Monobloc | Curved 8 | Frame : Temples - Adjustable width, Flexible tip - Nylon | Lateral protection | Weight : 36 g



⊕ Ample indirect venting on the top and bottom of the lens to reduce moisutre infultration and fogging

CE

EN ISO 16321-1
16321 DELTA W5 CT 1-M CE - 16321 DELTA W5 CT CE

ANSI Z87.1 - Impact
Z87+ L5

X 100

LIPARI2 T5

Shade 5

Extra flexible, shade 5 safety glasses with side protection for light welding work
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable witdh and height, Non-slip temples, Flexible tip - Nylon | Lateral protection | Weight : 34 g



⊕ Temple length and ratchet angle adjustments for a perfect fit

VISOR

	FACESHIELD HOLDER			
	VISOR H EN1731 / EN166	**VISOR HOLDER** EN1731 / EN166	**VISOR HOLDER MINI** EN1731 / EN166	**VISOR U** EN166
		 DIAMOND QUARTZ ZIRCON	 GRANITE	 QUARTZ ZIRCON
VISORS				
VISOR FLASH2 EN170 **UV 2C-1.7** / EN166 		QUARTZ		QUARTZ
VISOR TORIC EN170 **UV 2C-1.2** / EN166 				QUARTZ UP
VISOR TORIC T5 EN169 **5** / EN166 		DIAMOND QUARTZ ZIRCON		QUARTZ UP
VISORPC EN166	**BALBI3** EN ISO 16321 	DIAMOND* QUARTZ* ZIRCON * High speed particules only	GRANITE	
VISORG EN1731 **F** 	**PICO3** EN ISO 16321 	QUARTZ ZIRCON	GRANITE	

CE

EN166
1 FT 8

EN170
UV 2C - 1.7

ANSI Z87.1 - Impact
Z87+ U6 L1.7

ASTM F 2178-12
14 cal/cm² - 1+2

GS-ET-29
8-1-1

X 25

VISOR FLASH 2

Arc protection visor, 14cal/cm² ASTM, curved chin protection to minimise discomfort to the user's movements.
Lens : Polycarbonate - Fog/Anti-scratch (classic) | Weight : 230 g

Green



CE

EN166
1 AT 89

EN170
UV 2C - 1.2

ANSI-ISEA Z87.1 - Impact
Z87+ U6 D3

X 20

VISOR TORIC CLEAR

Injected clear visor, toric shape for enhanced field of vision and minimal discomfort when worn
Lens : Polycarbonate | Weight : 162 g

Clear



CE

EN166
1 AT 9

EN169
UV 5

EN172
UV 5 - 5

ANSI-ISEA Z87.1 - Impact
Z87+ U6 W5 D3

X 20

VISOR TORIC T5

Injected shade 5 visor, toric shape, ideal for welding with coated electrodes
Lens : Polycarbonate

Green shade 5



X 20

VISOR T-GUARD

Chin guard to add to the Visor Toric visor to increase its level of protection
Frame : Polycarbonate | Weight : 80 g

Clear



CE

EN166
1 BT / 3 BT

EN ISO 16321-1
16321 DELTA ET 1-M 6 CE - DELTA ET 1 CE

X 20

BALBI 2 JAUNE

Visor holder, equipped with a headband adjustable with by a Rotor system and polycarbonate visor
This kit contains: 1x VISORH_, 1x VISORPC

Yellow



CE

EN ISO 16321-1
16321 DELTA C 1-M CE - 16321 DELTA C CE

X 20

PICO 2

Visor holder, equipped with an adjustable headband with Rotor system and a mesh visor
This kit contains: 1x VISORH_, 1x VISORG

Yellow-Black



Clear

VISORPC

20 X

Flat, transparent polycarbonate visor adaptable to all our visor holders
Lens : Polycarbonate | Weight : 100 g

CE

EN166
1 BT

ANSI-ISEA Z87.1 - Impact
Z87+D3

Black



VISORG

20 X

Gauze visor, suitable for gardening or arborist work, adaptable to all our visor holders
Weight : 204 g

CE

Grey



VISOR-H

25 X

Visor holder with adjustable headband and Rotor clamping system
Weight : 180 g

CE

EN166
389

Black



VISOR HOLDER

20 X

Visor holder suitable for Zircon, Quartz and Diamond helmets
Frame : Polypropylene | Weight : 86 g

CE

EN1731
F/A/T

EN166
39 FAT

ANSI-ISEA Z87.1 - Impact
Z87+D3

Black



VISOR-HOLD MINI

20 X

Visor holder suitable for Granite helmets
Frame : Polypropylene | Weight : 74 g

CE

EN1731
F/B/T

EN166
3 FBT

Black



VISOR-U

100 X

Visor holders adaptable to all types of construction helmets
Frame : PVC | Weight : 86 g

CE

EN166
389

ANSI Z87.1 - Impact
Z87+

HELMET

All our helmets have standard fitting for all accessories.

		ONYX2 CL2	ONYX2	PLATINIUM WIND T2	PLATINIUM PEAK T2	GRANITE WIND	GRANITE PEAK	BASALT	DIAMOND VI WIND	DIAMOND VI PEAK UP	DIAMOND VI PEAK	SUPER QUARTZ	QUARTZ UP IV	QUARTZ UP III	FORESTIER3	QUARTZ I	ZIRCON I
																	
	COLOURS	○	○	○ ● ●	○ ● ●	● ● ● ○	○ ● ●	○	● ● ● ● ● ○	● ○ ● ●	● ● ● ● ○	○	● ● ● ○	● ● ● ○	●	○ ● ●	● ● ● ○ ●
	ADJUSTMENT																
	VENTILATION			●		●			●				●			●	
EN397	Electrical insulation	440 VAC	440 VAC				440 VAC			440 VAC	440 VAC	440 VAC		440 VAC	440 VAC		440 VAC
EN397	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM			
EN397	LD	-LD-	-LD-						-LD-	-LD-	-LD-	-LD-					
EN397	TEMPERATURE	+50°C -20°C	+50°C -20°C	+50°C -30°C	+50°C -30°C	+50°C -20°C	+50°C -20°C	+50°C -30°C	+50°C -30°C	+50°C -30°C	+50°C -30°C	+150°C -30°C	+50°C -30°C	+50°C -30°C	+50°C -10°C	+50°C -10°C	+50°C -10°C
EN397	Type 1 ou 2			TYPE 2	TYPE 2			TYPE 1									
EN397	Type 2 Chin Strap			✓	✓												
EN397	High-Impact Performance			✓	✓												
EN397	Side Protection			✓	✓												
EN50365	Roll-Off Test			✓	✓												
EN50365	Insulation	⩓	⩓	⩓	⩓		⩓	⩓		⩓	⩓	⩓		⩓	⩓		⩓

CUSTOMISE YOUR SAFETY HELMETS!

- The logo sent must be in vectorised format (.eps, .ai, or .pdf) and must not have different colour background of the chosen helmet.
- For logos in colours, please indicate the pantone reference for each colour.
- Warning: the colours of the logos can be slighty changed according to the colour of helmets. To have the same colour as your logo, we recommend that you choose white helmets.
- It is impossible to do gradient colours in pad printing.
- Minimum of order: 40 pieces per colour for all orders in Europe.
- Maximum number of colours: 4
- The space to put the logo may not exceed dimensions shown on the table below:

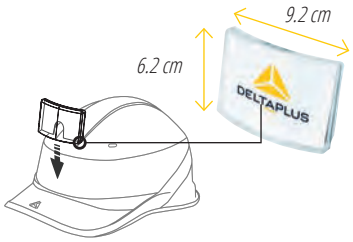


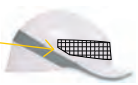
BUMP CAP

EN812	AIR COLTAN			MAKAN	
					
COLOURS	● ●	● ●	● ●	●	○ ●
VISOR LENGTH (CM)	3/5/7	5/7	3/7	7	3,5

BADGEU

Removable badger holder compatible with the whole DELTA PLUS range.



	ZIRCON	QUARTZ - SUPER QUARTZ	GRANITE	DIAMOND	ONYX2 / ONYX2 CL2
Front	 70 x 40 mm	 70 x 40 mm	 70 x 40 mm	 70 x 40 mm	
Back	 60 x 20 mm	 60 x 35 mm		 60 x 20 mm	60 x 35 mm
Sides	 40 x 20 mm	 60 x 20 mm	Printing zone Maximum logo size	 70 x 40 mm	

White



ONYX2 CL2

6 X

Double-shell safety helmet, equipped with a visor, for protection CLASS 2 against electric arcs and molten metal splashes
Shell material : ABS - Non vented | Head size : 53-64 | Wheel ratchet - Rotor adjustment | Textile harness - 6 points | Jugular points : 4 points | Neckband material : Foam | Weight : 790 g | Face shield : Integrated option | Jugular: Integrated option

⊕ Balanced gravity center to prevent any musculoskeletal disorders for a prolonged use and a reduction of musculoskeletal disorders (MSDs)

EN397:2012
MM
LD
-20°C +50°C
440VAC

EN 50365
Class 0

EN 170
1,4

ANSI-ISEA Z89.1
Type 1
CLASS E

Black



NECK GUARD ONYX2 CL2

4 X

ONYX2 CL2 Replacement Neck Protector : Extend product life and maintain superior hygiene
Weight : 51 g

⊕ Washable with neutral soap

Clear



VISOR ONYX 2 CL2

20 X

Injected polycarbonate replacement visor for ONYX2 CL2 double-shell helmet, ensuring extended service life.
Lens : Polycarbonate - Fog/Anti-scratch (KN) | Weight : 157 g

⊕ Curved chin protector, no discomfort in the user's movements

EN ISO 16321-1
UL 1.4 1 ET 9 KN

NF EN IEC 62819:2023
APC 2 (7kA) - 1

CE

EN397:2012
MM
LD
-20°C +50°C
440VAC

EN 50365
Class 0

GS-ET-29
Class 1
(4ka)

EN 166
1 SAT 389K N

EN 170
1.2 2c

X 6

ONYX2

White

Double-shell safety helmet, equipped with a visor, for protection against electric arcs and molten metal splashes
Shell material : ABS - Non vented | Head size : 53-64 cm | Wheel ratchet - Rotor adjustment | Textile harness - 6 points | Jugular points : 4 points | Neckband material : Polyester | No chin | Weight : 775 g | Face shield : Integrated option | Jugular: Integrated option



⊕ Balanced gravity center to prevent any musculoskeletal disorders for a prolonged use and a reduction of musculoskeletal disorders (MSDs)
⊕ ABS for lighter weight and greater comfort
⊕ Replaceable headband for a better hygiene



X 60

HARNESS O 2

Black

Onyx2 spare harness, textile lining, new headband and extended rear support for greater comfort and balance when worn
Rotor adjustment | Weight : 120 g

⊕ Replaceable suspension for a better hygiene



CE

EN166
1 SAT 389KN / 3

EN170
UV 2C - 1.2

GS-ET-29
8-1-0

X 20

VISONYXPR

Clear

Spare injected polycarbonate visor for ONYX2 double-shell helmets for superior lifepan.
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (KN) | Curved | Weight : 157 g



⊕ Premium KN coating for a better resistance if cleaned with soap and water
⊕ Wraparound lens provides extra wide unobstructed field of vision




White


Blue

Yellow



PLATINIUM PEAK T2

0 X

CE

EN 50365
Class 0

High-performance, non-vented Type II industrial safety helmet. Fully modular and versatile, built to withstand the most extreme environments.
Shell material : ABS - Non vented | Head size : 53-64 | Wheel ratchet | Polymer harness | Jugular points : 4 points | Neckband material : Polyester | No chin | Weight : 480 g | Jugular: Integrated option

⊕ Balanced gravity center to prevent any musculoskeletal disorders for a prolonged use and a reduction of musculoskeletal disorders (MSDs)


Yellow


Blue

White



PLATINIUM T2 WIND

0 X

CE

High-performance, vented Type II industrial safety helmet. Fully modular and versatile, built to withstand the most extreme environments.
Shell material : ABS - Vented | Head size : 53-64 | Wheel ratchet | Textile harness, Polymer harness | Jugular points : 4 points | Neckband material : Polyester | No chin | Weight : 477 g | Jugular: Integrated option

⊕ Balanced gravity center to prevent any musculoskeletal disorders for a prolonged use and a reduction of musculoskeletal disorders (MSDs)



CE

EN ISO 16321-1
16321 DELTA CT 3 1-M CE - DELTA UL1.2 CT KN CE

X 10

HALF VISOR CLEAR PLATINIUM

Compact and ergonomic half visor to mount onto the PLATINIUM helmet
Lens : Polycarbonate - Fog/Anti-scratch (KN) | Frame : ABS |
Weight : 68 g

Clear



CE

EN ISO 16321-1
16321 CT 3 1-M CE - DELTA G3 CT KN CE

X 10

HALF VISOR SMOKE PLATINIUM

Compact and ergonomic half visor to mount onto the PLATINIUM helmet
Lens : Polycarbonate - Fog/Anti-scratch (KN) | Frame : ABS |
Weight : 68 g

Smoke



X 10

HALF VISOR PROTECT PLATINIUM

Frosted half-visor protection, to be superimposed on the clear or tinted half-visors of the PLATINIUM helmet.
Weight : 59 g

Clear



CE

EN ISO 16321-1
16321 DELTA E 3 6 1-M CE - DELTA UL1.2 E 1 KN CE

X 10

FULL VISOR PLATINIUM

Clear and compact full size visor to mount onto the PLATINIUM helmet
Lens : Polycarbonate - Fog/Anti-scratch (KN) | Frame : ABS |
Weight : 133 g

Clear



CE

EN ISO 16321-1
16321 DELTA C 1-M CE - 16321 DELTA C CE

X 10

VISORG PLATINIUM

Compact full size steel mesh visor to mount on the PLATINIUM helmet
Lens : Mesh metal | Frame : ABS | Lateral protection - Vented |
Weight : 120 g

Clear



Yellow



GRANITE WIND

10 X

Safety helmet for work at height, ventilated, made from ABS, equipped with a 3-point chinstrap
Shell material : ABS - Vented | Head size : 53-63 cm | Wheel ratchet - Rotor adjustment | Textile harness - 8 points | Jugular points : 3 points | Neckband material : EVA foam | Weight : 368 g | Jugular: Integrated option

⊕ Visorless to improve upward vision

EN397:2012
MM
-20°C +50°C


White


Blue


Orange


Red

Yellow


White


Blue



GRANITE PEAK

10 X

Safety helmet for work at height with electrical insulation, made from ABS, equipped with a 3-point chinstrap
Shell material : ABS - Non vented | Head size : 53-63 cm | Wheel ratchet - Rotor adjustment | Textile harness - 8 points | Jugular points : 3 points | Neckband material : Polyester | No chin | Weight : 350 g | Jugular: Integrated option

⊕ Visorless to improve upward vision

EN397:2012
MM
-20°C +50°C
440VAC

EN 50365
Class 0

White



BASALT

0 X

Electrically insulated safety helmet. Retractable K&N visor with integrated TPE skirt. Ultra-comfortable harness and ratchet.
Shell material : ABS - Non vented | Head size : 53-64 | Wheel ratchet - Rotor adjustment | Textile harness, Polymer harness - 8 points | Jugular points : 4 points | Neckband material : Foam | Optional chin | Weight : 518 g | Face shield : Integrated option

⊕ ABS for lighter weight and greater comfort

EN 166
T K N

EN 50365
Class 0

EN 170
1.2 2c

CE

EN397:2012
MM
LD
-30°C +50°C

ANSI-ISEA Z89.1
Type 1
CLASS C

X 20

DIAMOND VI WIND

Carbon black

Safety helmet featuring a sporty design for upright and inverted wear for maximum versatility
Shell material : ABS - Vented | Head size : 53-64 cm | Wheel ratchet - Rotor adjustment | Textile harness - 8 points | Neckband material : Foam | Weight : 374 g



⊕ Vented helmet for breathability that allows comfortable extended wearing
⊕ Reverse wearing for a maximum field of vision without visor



Green | Red | Orange | Blue | White | Yellow | Black

CE

EN397:2012
MM
LD
-30°C
440VAC

EN 50365
Class 0

X 20

DIAMOND VI PEAK

White

Safety helmet featuring a sporty design for upright and inverted wear for maximum versatility
Shell material : ABS - Non vented | Head size : 53-64 | Wheel ratchet - Rotor adjustment | Textile harness - 8 points | Neckband material : Foam | Weight : 367 g



⊕ ABS for lighter weight and greater comfort



Grey-Yellow | Green | Red | Orange | Blue | Yellow | Black

X 10

HARNESS VI

Black

Diamond VI helmet replacement harness, textile headband, terry cloth, and D Rotor adjustment system
Rotor adjustment | Weight : 78 g



⊕ Replaceable suspension for a better hygiene

Yellow



DIAMOND VI PEAK UP

20 X

Safety helmet featuring a versatile sporty design for both upright and inverted wear, equipped with a chinstrap for better fit
Shell material : ABS - Non vented | Head size : 53-64 | Wheel ratchet - Rotor adjustment | Textile harness - 8 points | Jugular points : 4 points | Neckband material : Foam | Weight : 367 g | Jugular: Integrated option

⊕ ABS for lighter weight and greater comfort

CE

EN397:2012
MM
LD
-30°C
440VAC

EN 50365
Class 0




White


Blue


Red


Orange


Green

Black



HARNESS V

10 X

Diamond V helmet replacement harness, terry cloth headband, and D Rotor adjustment system
Rotor adjustment | Weight : 78 g

⊕ Replaceable suspension for a better hygiene



CE

EN397:2012
MM
-30°C +50°C

X 40

QUARTZ UP IV

Ventilated safety helmet with short visor equipped with rotor system for easy adjustment
Shell material : Polypropylene - Vented | Head size : 53-63 cm | Wheel ratchet - Rotor adjustment | Textile harness - 8 points | Neckband material : Polyester | Weight : 350 g

⊕ Vented helmet for breathability that allows comfortable extended wearing

Blue





Green | Red | Orange | White | Yellow

CE

EN397:2012
MM
-30°C +50°C
440VAC

EN 50365
Class 0

X 40

QUARTZ UP III

Safety helmet with short visor equipped with rotor system for easy adjustment
Shell material : Polypropylene - Non vented | Head size : 53-63 cm | Wheel ratchet - Rotor adjustment | Textile harness - 8 points | Neckband material : Polyester | Optional chin | Weight : 350 g

⊕ Adjustable headband , low or top, for a safer fit and holding cap in place when moving head

White





Green | Red | Orange | Blue | Yellow

CE

EN397:2012
-10°C +50°C

X 40

QUARTZ I

Ventilated safety helmet with rack and pinion adjustment
Shell material : Polypropylene - Vented | Head size : 53-63 cm | Slip ratchet | Polymer harness - 8 points | Neckband material : Polyester | Weight : 322 g

⊕ Adjustable headband , low or top, for a safer fit and holding cap in place when moving head

Blue



Yellow



White



White



SUPER QUARTZ

40 X

Electrically insulated safety helmet for extreme temperatures (+150°C)
Shell material : ABS - Polycarbonate - Non vented | Head size : 53-63 cm | Slip ratchet | Polymer harness - 8 points | Jugular points : 4 points | Neckband material : Polyester | Weight : 410 g

EN397:2012
MM
LD
-30°C +150°C
440VAC

EN 50365
Class 0

⊕ Adjustable headband , low or top, for a better position and increasing fit and comfort

Green



ZIRCON 1

40 X

Electrically insulated safety helmet with adjustable strap
Shell material : HDPE - Polypropylene - Non vented | Head size : 53-63 cm | Slip ratchet | Polymer harness - 8 points | Neckband material : Polyester | Weight : 330 g

EN397:2012
-10°C +50°C
440VAC

EN 50365
Class 0

⊕ Adjustable headband , low or top, for a safer fit and holding cap in place when moving head



Yellow | White | Blue | Orange | Red | Grey

Orange



FORESTIER 3

12 X

Safety helmet ideal for clearing applications due to its protective gauze visor and soundproof shells
This kit contains: 1x ZIRCON1, 1x SUZUKA2, 1x VISORHOLDER, 1x VISORG

EN397:2012
-10°C +50°C
440VAC

EN 50365
Class 0

EN 1731
F

EN 166
F

EN 352-3
SNR: 24 dB
H: 27
M: 21
L: 14
S/M/L

⊕ Adjustable headband , low or top, for a safer fit and holding cap in place when moving head

X 40

WINTER CAP

Textile lining for protection from the cold to be inserted in a safety helmet
Weight : 142 g

Black





CE

EN166
1 FT / FT

EN170
UV 2C - 1.2

X 100

FUEGO

Clear-lens safety glasses for use on a hard hat
Lens : Polycarbonate - Monobloc - Fog/Anti-scratch (classic) | Curved | Frame : Temples - Adjustable width - Nylon | Weight : 34 g

Clear





X 40

BADGE-U

Removable badge holder for user identification, compatible with all our construction helmets
Weight : 47 g

Transparent



X 80

NECKALPHA

Neck protector which protects from the sun's radiations, suitable for all our construction helmets
Weight : 34 g

Fluorescent orange



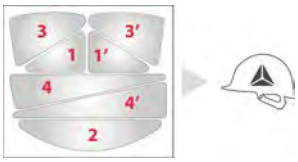


X 240

HESTICKER

Delta Plus helmet stickers to improve user visibility
Weight : 10 g

Metal grey





Black



JUGGAMMA

20 X

3-point chinstrap for Granite helmets, to keep the helmet in the right position
Jugular points : 3 points | Weight : 21 g

Black



BASGAMMA

20 X

Thermo-compressed shell for greater comfort in construction helmets
Weight : 21 g

Black



DYNAMIC JUGALPHA

20 X

CE

4-point chinstrap for Diamond V, Zircon and Quartz helmets to improve the fit of the helmet
Jugular points : 4 points | Weight : 21 g

Black



DYNAMIC JUGBETA

20 X

CE

4-point chinstrap for Diamond and Onyx helmets to improve the fit of the helmet
Jugular points : 4 points | No chin | Weight : 21 g

CE

X 20

MENTALPHA

2-point chinstrap with chin protector for a better fit of the helmet on the head
Jugular points : 2 points | Weight : 17 g

Black



CE

X 20

JUGALPHA

2-point chinstrap for a better fit on the head
Jugular points : 2 points | No chin | Weight : 21 g

Black



X 20

JUGBETA

2 points chinstrap to affix to the shell
Jugular points : 2 points | No chin | Weight : 21.8 g

Black



X 20

BASALPHA

Shell for greater comfort in construction helmets
Weight : 21 g

Black





Blue

White



MAKAN

0 X

CE

EN 812
-30°C +50°C
440VAC

Unisex bump cap with an all-plastic construction for optimal hygiene. Especially suited for the food industry.
Head size : 51-63 | Shell material : PP polypropylene | Adjustment : Sliding adjustment | Weight : 235 g

⊕ Balanced gravity center to prevent any musculoskeletal disorders for a prolonged use and a reduction of musculoskeletal disorders (MSDs)

Grey-Yellow





AIR COLTAN

20 X

CE

EN 812

Ventilated protective cap for maximum comfort, available in 3 visor lengths
Cap material : Textile | Head size : 55-62 | Shell material : Polyethylene | Coque lining : EVA | Adjustment : Clamping tab | Weight : 176 g





Fluorescent yellow-Grey



Navy blue-Orange





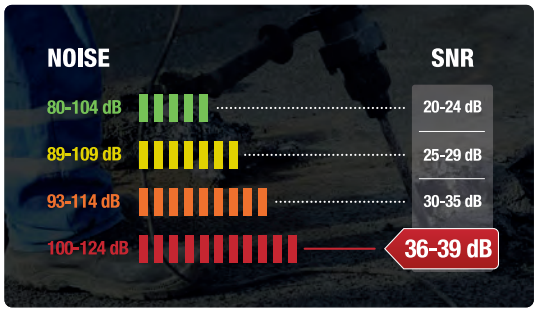
Black-Red







EAR DEFENDERS AND EARPLUGS



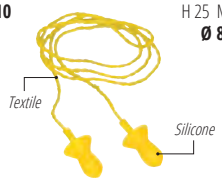
SPA3
23 dB
H 24 M 20 L 13
155 g
Light



SUZUKA2
24 dB
H 27 M 22 L 14
252 g
HV colour



CONICSOF
26 dB
x10
H 25 M 23 L 22
Ø 8-10 mm
Reusable



INTERLAGOS LIGHT
26 dB
H 30 M 25 L 15
200 g
Comfort headband



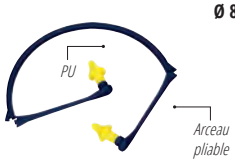
MISANO LITE
27 dB
H 31 M 24 L 17
232 g
Premium



INTERLAGOS NB2
27 dB
H 33 M 26 L 15
247 g
Adjustment behind the head



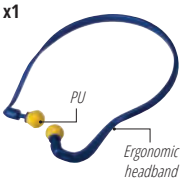
CONICAP2
27 dB
x1
H 30 M 24 L 22
Ø 8-18 mm
Reusable



INTERLAGOS LIGHT HE
28 dB
H 28 M 24 L 16
249 g



CONICMOVE
29 dB
x1
H 32 M 26 L 24
Ø 12-17 mm
Reusable



INTERLAGOS2
29 dB
H 30 M 28 L 20
286 g
HV colour reinforced headband



PIT FLOW
30 dB
H 30 M 29 L 23
347 g
Bluetooth



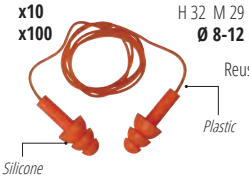
MAGNY HELMET2
30 dB
H 32 M 28 L 22
286 g



INTERLAGOS FO
30 dB
H 33 M 29 L 19
282 g
Reinforced headband
Foldable



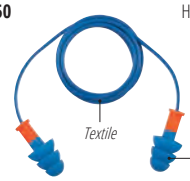
CONICFIT
32 dB
x10
x100
H 32 M 29 L 28
Ø 8-12 mm
Reusable



MAGNY COURS2
33 dB
H 34 M 32 L 25
338 g



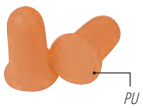
CONICFIRDE
34 dB
x50
H 33 M 32 L 31
Ø 8-12 mm
Reusable
Detectable



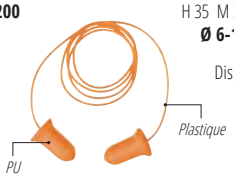
CONICFIR
34 dB
x50
H 33 M 32 L 31
Ø 8-12 mm
Reusable



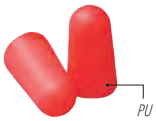
CONICPLUS
35 dB
x200
H 35 M 33 L 30
Ø 6-15 mm
Disposable



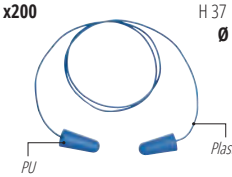
CONICCOPLUS
35 dB
x200
H 35 M 33 L 30
Ø 6-15 mm
Disposable



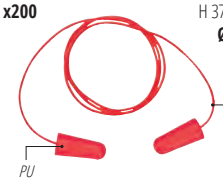
CONIC2
37 dB
x10
x200
x500
H 37 M 35 L 30
Ø 7-12 mm
Disposable



CONICDE
37 dB
x200
H 37 M 35 L 30
Ø 7-12 mm
Reusable
Detectable



CONICCO2
37 dB
x200
H 37 M 35 L 30
Ø 7-12 mm
Disposable





enjoy safety.

M
Black



PIT FLOW

20 X

Earmuff combining 30dB SNR and Bluetooth 5.1. Control your music, adjust the volume, and take calls without touching your smartphone.
Plastic | Cup : ABS | Cushions : PU foam | Support type : Over-the-head | Weight : 347 g

⊕ Double headband for a greater flexibility and comfort

CE

EN 352-1
SNR 30 dB
H 30
M 29
L 23
M

ANSI S3.19-1974

ANSI S3.19
NRR 23 dB

S → L
Grey



MISANO LITE

20 X

Lifestyle-inspired earmuff: moderate attenuation with reduced, evenly distributed weight for long-lasting comfort.
PVC : TPE (Thermoplastic elastomer) | Cup : ABS | Cushions : PVC | Support type : Over-the-head | Weight : 232 g

⊕ Smooth surface and low pressure foam provides optimal comfort

CE

EN 352-1
SNR 27 dB
H 31
M 24
L 17
S/M/L

ANSI S3.19-1974

ANSI S3.19
NRR 23 dB

S → L
Black



MAGNY COURS 2

20 X

High-performance ear defenders with a headband reinforced with a metal headband
Cup : ABS | Cushions : Synthetic foam - PU | Support type : Over-the-head - ABS | Weight : 338 g

⊕ Air-Room multi-shell attenuation technology with high performance level

CE

EN 352-1
SNR 33 dB
H 34
M 32
L 25
S/M/L

ANSI S3.19
NRR 26 dB

S → L
Black



MAGNY HELMET 2

20 X

High performance ear muffs for use with safety helmets
Cup : ABS | Cushions : PU foam | Support type : Helmet mounted earmuffs - ABS | Weight : 286 g

⊕ Air-Room multi-shell attenuation technology with high performance level

CE

EN 352-3
SNR 30 dB
H 32
M 28
L 22

ANSI S3.19
NRR 25 dB

GRANITE
BASEBALL DIAMOND
QUARTZ
ZIRCON

CE

EN 352-1
SNR 29 dB
H 30
M 28
L 20
S/M/L

ANSI S3.19
NRR 28 dB

X 20

INTERLAGOS2

Ear defenders with double plastic headband for comfort and adjustability
Cup : ABS | Cushions : Synthetic foam | Support type : Over-the-head - POM (Acétal) | Weight : 286 g

⊕ Ear defenders holder tool included on the belt , hearing protection always at your fingertips

S → L
Grey





S → L
Fluorescent yellow

CE

EN 352-1
SNR 30 dB
H 33
M 29
L 19
S/M/L

ANSI S3.19
NRR 25 dB

X 20

INTERLAGOS FOLDABLE

Ear defenders with double plastic headband for comfort and adjustability, can be folded to save space
Cup : ABS | Cushions : PU foam | Support type : Over-the-head - ABS | Weight : 282 g

⊕ Foldable headband for less space and easier storage

S → L
Grey





CE

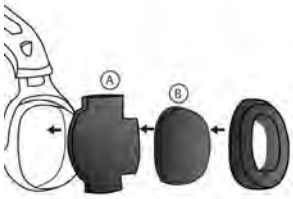
X 5

INTERHYKIT

Hygiene kits for the Interlagos range
Cushions : PVC

⊕ Replaceable cushions available , a perfect solution of hygiene kit
⊕ Washable reusable economic solution for weeks of use

Grey



CE

EN 352-1
SNR 27 dB
H 33
M 26
L 15
S/M/L

X 20

INTERLAGOS NB 2

Earmuffs with neckband and textile strap, combining adjustability with compactness
Cup : ABS | Cushions : PVC - Synthetic foam | Support type : Behind-the-head - Stainless steel | Weight : 247 g

⊕ Replaceable cushions available , a perfect solution of hygiene kit

S → L
Grey





S → L
Grey



INTERLAGOS LIGHT

50 X

Lightweight ear defenders with tiltable headband
Cup : ABS | Cushions : Synthetic foam | Support type : Over-the-head - ABS | Weight : 200 g

⊕ Replaceable cushions available , a perfect solution for a longer use of equipement

EN 352-1
SNR 26 dB
H 30
M 25
L 15
S/M/L

ANSI S3.19
NRR 21 dB

S → L
Grey



INTERLAGOS LIGHT HE

20 X

Ear muffs for use with safety helmets
Cup : ABS | Cushions : PVC - Synthetic foam | Support type : Helmet mounted earmuffs - ABS | Weight : 249 g

⊕ Replaceable cushions available , a perfect solution for a longer use of equipement

EN 352-3
SNR 26 dB
H 28
M 24
L 16

ANSI S3.19
NRR 24 dB





S → L
Black

S → L
Fluorescent yellow



SUZUKA 2

20 X

Ear muffs for use with safety helmets
Cup : ABS | Cushions : PVC - Synthetic foam | Support type : Helmet mounted earmuffs - ABS | Weight : 252 g

⊕ AM-FM radio

EN 352-3
SNR 24 dB
H 27
M 22
L 14

ANSI S3.19
NRR 21 dB

S → L
Blue-Black



SPA 3

50 X

Ear defenders with low pressure pads
Cup : ABS | Cushions : PU foam | Support type : Over-the-head - ABS | Weight : 155 g

⊕ AM-FM radio

EN 352-1
SNR 23 dB
H 24
M 20
L 14
S/M/L

ANSI S3.19-1974

ANSI S3.19
NRR 21 dB

CE

EN 352-2
SNR 34 dB
H 33
M 32
L 31
ø 8-12 mm

ANSI S3.19
NRR 26 dB

X 10

CONICFIR010B

Pack of 10 pairs of reusable TPR earplugs with textile cord. Can be used with or without the cord (9 pairs in bag + 1 pair in storage box).
Earplug material : TPR (Themoplastic) | Cord - Textile

Grey





CE

EN 352-2
SNR 34 dB
H 33
M 32
L 31
ø 8-12 mm

ANSI S3.19
NRR 26 dB

X 20

CONICFIR050

Reusable earplugs with easy grip, box of 50
Earplug material : TPR (Themoplastic) | Cord - Nylon

Grey





CE

EN 352-2
SNR 34 dB
H 33
M 32
L 31
ø 8-12 mm

ANSI S3.19
NRR 26 dB

X 20

CONICFIRDE050

Box of 50 pairs of detectable, reusable TPR earplugs with plastic cord. Iron and brass inserts, ideal for the food industry. Can be used with or without the cord.
Earplug material : TPR (Themoplastic) | Cord - Brass : Plastic

Blue





CE

EN 352-2
SNR 32 dB
H 32
M 29
L 28
ø 8-12 mm

ANSI S3.19
NRR 26 dB

X 10

CONICFIT010B

Pack of 10 pairs of reusable silicone earplugs with PVC cord. Can be used with or without the cord (9 pairs in bag + 1 pair in storage box).
Earplug material : Silicon | Cord - PVC

Orange





CE

EN 352-2
SNR 32 dB
H 32
M 29
L 28
ø 8-12 mm

ANSI S3.19
NRR 26 dB

X 10

CONICFIT100

Reusable earplugs with easy grip
Earplug material : Silicon | Cord - PVC

Orange





CE

EN 352-2
SNR 26 dB
H 25
M 23
L 22
ø 8-10 mm

ANSI S3.19
NRR 22 dB

X 10

CONICSOF010B

Pack of 10 pairs of reusable silicone earplugs with textile cord. Can be used with or without the cord (9 pairs in bag + 1 pair in storage box).
Earplug material : Silicon | Cord - Textile

Yellow





Blue-Yellow



CONICMOVE01B

10 X

Ergonomically designed, very stable headband for a secure fit during use, with articulated plugs on the headband
Earplug material : PU foam | Banded - Polypropylene

CE

EN 352-2
SNR 29 dB
H 31
M 25
L 23
ø 12-17 mm

ANSI S3.19
NRR 23 dB

Yellow



CONICMOVE01BRB

10 X

Pack of 10 pairs of spare earplugs for CONICMOVE01B
Earplug material : PU foam | Unsupported

CE

EN 352-2
SNR 29 dB
ø 12-17 mm

ANSI S3.19-1974

ANSI S3.19
NRR 23 dB

Blue-Yellow



CONICAP2 01

10 X

Earplugs with headband with PU tips
Earplug material : PU foam | Banded - Polypropylene

CE

EN 352-2
SNR 27 dB
H 30
M 24
L 22
ø 8-18 mm

ANSI S3.19
NRR 21 dB

Yellow



CONICAPBR2 10

10 X

Spare PU earplugs for CONICAP2 01
Earplug material : PU foam

CE

EN 352-2
SNR 27 dB
H 30
M 24
L 22
ø 8-18 mm

ANSI S3.19
NRR 21 dB

Fluorescent orange



CONICCOPLUS200

5 X

High visibility and high performance disposable earplugs with cord, box of 200
Earplug material : PU foam | Cord - Plastic

CE

EN 352-2
SNR 35 dB
H 35
M 33
L 30
ø 6-15 mm

ANSI S3.19
NRR 32 dB

Fluorescent orange



CONICPLUS200

5 X

High visibility, high performance disposable earplugs, box of 200
Earplug material : PU foam | Unsupported

CE

EN 352-2
SNR 35 dB
H 35
M 33
L 30
ø 6-15 mm

ANSI S3.19
NRR 32 dB

CE

EN 352-2
SNR 37 dB
H 37
M 35
L 30
ø 7-12 mm

ANSI S3.19
NRR 33 dB

X 5

CONICDE200

Box of 200 pairs of detectable polyurethane earplugs with detectable plastic cord (iron and brass inserts), ideal for the food industry. Individual plastic sachet with 2 earplugs.
Earplug material : PU foam | Cord - Brass : Plastic

Blue



CE

EN 352-2
SNR 37 dB
H 37
M 35
L 30
ø 7-12 mm

ANSI S3.19
NRR 33 dB

X 5

CONICCO2 200

Dispenser box containing 200 pairs of single-use polyurethane earplugs with plastic cord. Individual plastic bag with 2 plugs.
Earplug material : PU foam | Cord - Plastic

Red



CE

EN 352-2
SNR 37 dB
H 37
M 35
L 30
ø 7-12 mm

ANSI S3.19
NRR 33 dB

X 10

CONIC2 010

Pack of 10 pairs (in individual sachets) of single-use polyurethane earplugs. Easy and practical to use in a toolbox or for users on the move.
Earplug material : PU foam | Unsupported

Red



CE

EN 352-2
SNR 37 dB
H 37
M 35
L 30
ø 7-12 mm

ANSI S3.19
NRR 33 dB

X 5

CONIC2 200

Dispenser box containing 200 pairs of single-use polyurethane earplugs. Easy-to-use and hygienic with its individual plastic sachet with 2 earplugs.
Earplug material : PU foam | Unsupported

Red



CE

EN 352-2
SNR 37 dB
H 37
M 35
L 30
ø 7-12 mm

ANSI S3.19
NRR 33 dB

X 5

CONIC2 500

Refill of 500 pairs of single-use polyurethane earplugs - Economical and easy to use, for use with Conic Display
Earplug material : PU foam | Unsupported

Red



CE

EN 352-2
SNR 36 dB
H 34
M 34
L 31

ANSI S3.19
NRR 33 dB

X 4

CONIC DISPLAY

Earplug dispenser for ease of use
Earplug material : PU foam | Unsupported

Grey



REUSABLE RESPIRATORY PROTECTION

CHEM D-FINDER
http://respiratory.deltaplus.eu

AIR

Gas
Vapours
A B E K Hg
EN14387

Particles
Aerosols
P
EN143/A1



FFS990 FULL-FACE MASK

- *Double bayonet filter*
- *Silicone*
- *3 sizes: S, M, L*



S950 HALF-MASK

- *Double bayonet filter*
- *Silicone*
- *3 sizes: S, M, L*

FULLY COMPATIBLE

Gas:



F600V F600VG F600M F600K F600G



F200P3 F200GP3 F200VP3 F200VGP3

Combined:



F600VP3 F600GP3 F600KP3



F600MP3 F600VGP3 F600MHGP3

Damp environments:



F700P3 F700VGP3

EN136



M9200 ROTOR GALAXY

- *Rotor® registered mark*
- *Adjustable size*
- *Wide vision (210C°)*



M9300 STRAP GALAXY

- *Adjustable size*
- *Wide vision (210°)*
- *To be used with helmet*

On request:
M9001E AX
M9001E AXP3
M9001E ABE2
M9001E ABE2P3
M9001E ABEKHgP3
M9001E K2
M9001E K2P3
M9001E A2B2
M9001E A2B2P3
M9001E B2P3
M9001E E2
M9001E E2P3



M9001E A2 M9001E A2B2E2K2

M9001E A2P3 M9001E A2B2E2K2P3



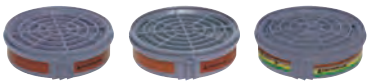
M9000 P3

EN140

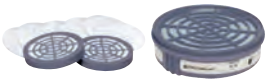


M6400 - JUPITER

- *Comfort half mask PP/TPE*
- *Elastic straps and harness*
- *2 filter cartridges*



M6000 A1 M6000 A2 M6000 A1B1E1K1 +



M6000E PREP2 M6000 P2



M6000 P3

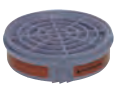


M6000 PREP3 M6000 P2CLIP



M6300 - JUPITER

- *Comfort half mask PP/TPE*
- *Elastic straps and harness*
- *1 filter cartridge*



M6000 A1 +



M6000 PREP3 M6000 P2 M6000 P3 M6000 P2CLIP

Advice: Change the filter after each use, or quicker if the atmosphere is polluted, humid and the air flow (or breathing) is high.

Concentration in O2 < 19,5 % ?

YES → Self Contained Breathing Apparatus

NO

Particles

Concentration > 200 x OEL ?

YES → Self Contained Breathing Apparatus

NO

Concentration > 50 x OEL ?

YES → Overall mask P3

NO

Concentration > 10 x OEL ?

YES → Half-masks with P3 or FFP3 filter

NO

Concentration > 4 x OEL ?

YES → Half-masks with P2 or FFP2 filter

NO → Half-masks with P1 or FFP1 filter

Gas and vapours

Concentration > 200 x OEL or > 5000 ppm ?

YES → Self Contained Breathing Apparatus

NO

Concentration > 1000 ppm ?

YES

Concentration > 10 x OEL ?

YES → Overall mask with class 2 gas/vapour filter

NO → Half-masks with class 2 gas/vapour filter

NO

Concentration > 10 x OEL ?

YES → Overall mask with class 1 gas/vapour filter

NO → Half-masks with class 1 gas/vapour filter

OEL : Occupational Exposure Limit

Particles + Gas / vapours

Choose a full face mask or half mask with the appropriate filter for the gas/ vapour concentration combined with a particulate pre-filter appropriate for their concentration, according to the decision above.

Navy blue
M/L



AIRSTORM KIT P3

12 X

CE

EN 143
P3

EN 12942
TM3 R SL

The new generation of air-powered respirators: ergonomic, lightweight and intuitive
This kit contains: 1x AIRSTORM P3 Mask, 1x AIRSTORMFACE - M, 1x AIRSTORMFACE - L, 4x AIRSTORMREFP3, 1x AIRSTORMSTRAP, 1x USB cable

⊕ Low noise level 46Dba
⊕ Side LED indicators (5 colors): Indicates battery level, charge and filter replacement for continuous protection

Navy blue



AIRSTORMSTRAP

50 X

Adjustable stap for purified air powered respirator
Material : Silicone Soft Touch

⊕ Wide adjustable straps for a precise tightening and adjustment

White



AIRSTORMREFP3

350 X

CE

EN 12942
TM3 NR SL

Disposable filter for purified air powered respirator
Polypropylene

⊕ Reusable mask provides an optimal and economic solution for regular use changing only the filters or cartridges

Navy blue
M/L



AIRSTORMFACE

50 X

Soft-touch antibacterial and hypoallergenic silicone facepiece
Material : Silicone Soft Touch

⊕ Ultra-soft full facial seal for an increased comfort and optimal sealing

CE **EN 136**
Class 2

X 4

FFS990

Red
S → L

Bi filters Full face mask : Premium silicone, anti-fog visor & MAX FLOW valve: Safety without compromise!
Material : Silicone | Visor material : Polycarbonate | Fastening : Bridles





⊕ Ultra-soft full facial seal for an increased comfort and optimal sealing

CE **EN 140**

X 20

S950

Red

The half-mask with two filters: Comfort & Safety. Premium silicone, MAX FLOW valve and perfect fit for optimal protection!
Material : Silicone - ABS - Silicone Soft Touch





⊕ Ultra-soft full facial seal for an increased comfort and optimal sealing



White



F200P3

50 X

Filter level P3 for protection against particles, compatible with all masks in the AIR range.
Material : Polypropylene | Nonwoven - Polypropylene

EN 143
P3R

White



F200VP3

50 X

Filter level P3 with activated carbon for protection against particles, compatible with all masks in the AIR range.
Material : Active coal - Polypropylene | Active coal - Polypropylene

EN 143
P3R

White



F200GP3

50 X

Filter level P3 with activated carbon for protection against particles and acid gas, compatible with all masks in the AIR range.
Material : Active coal - Polypropylene | Polypropylene

EN 143
P3R

White



F200VGP3

50 X

Filter level P3 with activated carbon for protection against particles, acid and organic gas, compatible with all masks in the AIR range.
Polypropylene

EN 143
P3R

White



F700P3

64 X

Encapsulated filter level P3 for protection against particles compatible with all masks in the AIR range. Recommended for humid environments.
Abs

EN 143
P3

White



F700VGP3

46 X

P3 filter particles with activated carbon layer against acid gases and organic vapors. Recommended for humid environments.
Abs - Active coal

EN 143
P3

X 200

AIR RPF1 RETAIN

AIR RPF1 retainer for bonding the AIR PFP2 pre-filter with AIR F600 series chemical filters.
Material : Polypropylene

Transparent



X 200

AIR A200 ADAPTE

Adapter to connect the F200 range of particle filters with the F600 range of chemical filters.
Material : Polypropylene

Clear



CE **EN 143**
P2R

X 20

PFP2

Pre-filter against particles, to be used in combination with the F600 chemical range and the RPF1 connector

White



CE **EN 14387**
A1

X 30

F600V

Filter against biological products, gases and vapours boiling above 65°C. Compatible with all masks in the AIR-DELTA PLUS range.
Abs - Active coal

Black



CE **EN 14387**
K1

X 30

F600K

Filter against ammonia and its organic derivatives. Compatible with all masks in the AIR-DELTA PLUS range.
Abs - Active coal

Black



CE **EN 14387**
B1E1

X 30

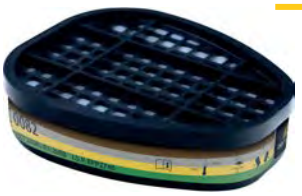
F600G

Organic vapour filter with P.E. > 65°C. Compatible with all masks in the AIR-DELTA PLUS range.
Abs - Active coal

Black



Black



F600M

30 X

Filters against organic vapours, chlorine, sulphuric acid, hydrogen cyanide, sulphur dioxide, formaldehyde, acid gases, ammonia and their organic derivatives. Compatible with all masks in the AIR-DELTA PLUS range.
Abs - Active coal

EN 14387
A1B1E1K1

Black



F600VG

30 X

Filters against organic vapours, inorganic gases and vapours, sulphur dioxide (SO_2), formaldehyde (CH_2O) and acid gases. Compatible with all masks in the AIR range.
Abs - Active coal

EN 14387
A1B1E1

White



F600GP3

30 X

Filter against organic, inorganic vapours, gases, sulfur dioxide, formaldehyde, acid gases and particles.
Abs - Active coal - Microfiberglass

EN 14387
B1E1

EN 143
P3R

White



F600KP3

30 X

Filter against inorganic gases and vapours, chlorine, hydrogen sulfide, hydrogen cyanide, sulphur dioxide, acid gases, vapors and particles.
Abs - Active coal - Microfiberglass

EN 14387
K1

EN 143
P3

White



F600MP3

30 X

Filters against organic vapours, chlorine, hydrogen sulphide, hydrocyanic acid, sulphur dioxide, formaldehyde, acid gases, ammonia and their organic derivatives, and particles.
Abs - Active coal - Microfiberglass

EN 14387
A1B1E1K1

EN 143
P3R

White



F600VP3

30 X

Filter against biological products, gases and vapours boiling above 65°C and particles.
Abs - Active coal

EN 14387
A1

EN 143
P3R

CE

EN 14387
A1B1E1

EN 143
P3R

X 30

F600VGP3

Filters against organic, inorganic vapours, gases and vapours, sulphur dioxide, formaldehyde, acid gases and particles.
Abs - Active coal - Microfiberglass

White



CE

EN 14387
A1B1E1K1Hg

EN 143
P3R

X 30

F600MHgP3

Filter against organic gases and vapors, chlorine hydrogen sulfide, hydrogen cyanide, sulfur dioxide, acid gases and vapors, ammonia, methylamine, mercury, and particles.
Abs - Active coal - Microfiberglass

White



X 25

LENS COVER

Replaceable protective film for the visor of the AIR FFS990.
Available in Transparent and Smoke.
Visor material : Vinyl Acetate

Clear



X 25

LENS COVER

Replaceable protective film for the visor of the AIR FFS990.
Available in Transparent and Smoke.
Visor material : Vinyl Acetate

Smoke



X 24

AIRGLASS

Non-PPE frame for corrective lenses to be fixed in the FFS990 masks.
Material : Nylon

Grey



Black-Orange



M9200 - ROTOR GALAXY

6 X

CE

EN 148-1

EN 136
Class 3

Full face mask with panoramic vision, equipped with the patented Rotor adjustment system, dedicated to chemical and particulate environments
Material : Silicone | Visor material : Polycarbonate | Fastening : Rotor

⊕ Class 3 : Resistance to radiant heat and flame can be used in extreme conditions
⊕ Adjustable size S/ M/ L suitable for most types of faces

Black-Orange



M9300 - STRAP GALAXY

6 X

CE

EN 148-1

EN 136
Class 3

Full face mask with panoramic vision, equipped with silicone straps for easy use with other PPE, dedicated to chemical and particulate environments
Material : Silicone | Visor material : Polycarbonate | Fastening : Bridles

⊕ Class 3 : Resistance to radiant heat and flame can be used in extreme conditions
⊕ Adjustable size S/ M/ L suitable for most types of faces



CE
EN 14387
A2

EN 148-1

X 10

M9001E A2

Box of 4 A2 filter cartridges for M9200 ROTOR GALAXY and M9300 STRAP GALAXY full-face masks. Re-sealable caps allow the cartridge to be re-used after use for a longer life. Universal DIN40 mounting system
Active coal

Black



CE
EN 143
P3

EN 148-1

X 10

M9000 P3

Box of 4 P3 filter cartridges for M9200 ROTOR GALAXY and M9300 STRAP GALAXY full-face masks. Re-sealable caps allow the cartridge to be re-used after use for a longer life. Universal DIN40 mounting system

Black



CE
EN 14387
A2

EN 143
P3

EN 148-1

X 10

M9001E A2P3

Box of 4 A2P3 filter cartridges for M9200 ROTOR GALAXY and M9300 STRAP GALAXY full-face masks. Re-sealable caps allow the cartridge to be re-used after use for a longer life. Universal DIN40 mounting system
Active coal

Black



CE
EN 14387
A2B2E2K2

EN 148-1

X 10

M9001E ABEK2

Box of 4 A2B2E2K2 filter cartridges for M9200 ROTOR GALAXY and M9300 STRAP GALAXY full-face masks. Re-sealable caps allow the cartridge to be re-used after use for a longer life. Universal DIN40 mounting system
Active coal

Black



CE
EN 14387
A2B2E2K2

EN 143
P3

EN 148-1

X 10

M9001E ABEK2P3

Box of 4 A2B2E2K2P3 filter cartridges for M9200 ROTOR GALAXY and M9300 STRAP GALAXY full-face masks. Re-sealable caps allow the cartridge to be re-used after use for a longer life. Universal DIN40 mounting system
Active coal

Black



Black-Grey
S/M → M/L



M6400 JUPITER

20 X

Reusable, overmoulded half-mask with 2 cartridges, combining flexibility and a good fit in chemical and particulate environments
Material : Polypropylene - TPE | Fastening : Bridles

EN 140

Black-Grey
S/M



M6300 JUPITER

20 X

Reusable, overmoulded half-mask with 1 cartridge, combining flexibility and a good fit in chemical and particulate environments
Material : Polypropylene

EN 140

Black-Grey
M/L



M6400 CHEM KIT

10 X

ABEK1 P3 half mask and filter respiratory kit, ideal for chemical environments
This kit contains: 1x M6400 JUPITER, 2x M6000 ABEK, 2x M6000 PREP3

EN 140

EN 14387
A1B1E1K1

EN 143
P3

Black-Grey
M/L



M6400 MARS KIT

10 X

A2P2 half mask and filter respiratory kit, ideal in less polluted environments
This kit contains: 1x M6400 JUPITER, 2x M6000 A2, 2x M6000 PREP2

EN 140

EN 14387
A2

EN 143
P2

Black-Grey
M/L



M6400 SPRAY KIT

10 X

A2P3 half mask and filter respiratory kit, ideal for chemical and painting environments
This kit contains: 1x M6400 JUPITER, 2x M6000 A2, 2x M6000 PREP3

EN 140

EN 14387
A2

EN 143
P3

CE **EN 14387**
A1

X 30

M6000 A1

Pack of 2 A1 filter inserts for M6100 JUPITER, M6200 JUPITER and M6400 JUPITER half masks.
Active coal

Grey



CE **EN 14387**
A2

X 30

M6000 A2

Pack of 2 A2 filter inserts for M6200 JUPITER and M6400 JUPITER half-masks.
Active coal

Grey



CE **EN 14387**
A1B1E1K1

X 30

M6000 A1B1E1K1

Pack of 2 A1B1E1K1 multi-use combination filter inserts for M6200 JUPITER and M6400 JUPITER half masks.
Active coal

Grey



X 30

M6000PREP2

Kit of 6 P2 prefilters for mask M6000

Grey



CE **EN 143**
P3

X 30

M6000 PREP3

Kit of 2 P3 pre-filters and 2 adapters for JUPITER M6000 series half-mask. To be used with M6000 filters.
Nonwoven

Grey



Grey





M6000 P2 CLIP

30 X

Kit of 2 P2 filters for M6100 JUPITER, M6200 JUPITER and M6400 JUPITER half masks + 20 spare P2 filters.
Nonwoven

EN 143
P2NR

White





M6000REFP2CLIP

30 X

Pack of 20 P2 filter replacements for M6000P2CLIP.
Nonwoven

EN 143
P2

Grey



M6000 P2

30 X

Pack of 2 P2 filter inserts for M6100 JUPITER, M6200 JUPITER and M6400 JUPITER half masks.
Nonwoven

EN 143
P2

Grey



M6000 P3

30 X

Pack of 2 P3 filter inserts for M6100 JUPITER, M6200 JUPITER and M6400 JUPITER half masks.
Nonwoven

EN 143
P3

DISPOSABLE RESPIRATORY PROTECTION



Nominal protection factor* x4

• Cement dust, flour, calcium carbonate, (chalk), graphite, cotton, concrete...



Nominal protection factor* x12

*• Untreated softwood, grinding, cutting, welding, milling, coal, glass fibre,mineral fibre, graphite, powdered pesticide...***



Nominal protection factor* x50

*• Asbestos (without manipulation), powdered pesticide, biological agents, pharmaceutical powder, treated wood, hard wood (exotic), chromium, lime, lead...***

CONFORT


M1100V x10


M1100 x20


M3FP1 x3

AER


M1105 x20

POCKET


M1100VB x10

SPIDER MASK


M1200SM15 SPIDER REFILL FFP2 x5 x30


M1200SMW SPIDER REFILL FFP2W x5 x30

CONFORT PLUS


M1200VPLUS x5 M2FP2VPLW x2

CONFORT


M1200V x10 M2FP2V x2


M1200VW x10 M2FP2VW x2


M1200 x20

AER


M1205V x10


M1205V x10


M1205 x20

POCKET


M1200VB x10

SMOG


M1202BHNC x30


M1202BHBC x30

SPIDER MASK


M1300SM15 SPIDER REFILL FFP3 x5 x30

CONFORT PLUS


M1300V x5

CONFORT


M1300V2 x10

AER


M1305V x10 M1205V x10 M1305VW x10

POCKET


M1300VB x10

*The Assigned Protection Factor, might be diff erent according local regulations.
**This list is indicative but not contractual and can not engage the responsibility of Delta Plus.

D Dolomite dust clogging test

Smell filtering

enjoy safety.

CHOOSE THE RIGHT MASK

3 axis for an optimal respiratory protection:

Comfort and ergonomic
on the face

Facilitate breathing:
- space
- evacuation of heat and moisture

Compatible
with other PPEs

FOLDABLE RANGE



AER range

Design for an excellent field of view. Nose clip for optimal adjustment.



POCKET range



SMOG range

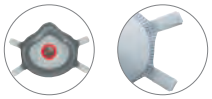


Protection on the go: foldable, compact, easy to transport and stock.



CONFORT PLUS range

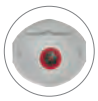
Moulded design for optimised respiratory comfort. Precise adjustment by straps to adapt to all morphology. Soft foam edge for an excellent face comfort.





CONFORT range

Classic and comfortable, the optimised solution of respiratory protection.



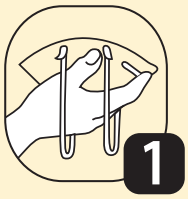


SPIDERMASK range

Economical and ecological by its concept of replaceable filters.



PROPERLY ADJUST YOUR MASK



Hold the preformed mask in the palm of your hand, with the nose bar towards the top and the straps hanging down.



Place the mask under your chin, covering your mouth and nose.



Take the upper elastic strap and pass it around the back of your head, take the lower elastic strap and pass it round the back of your neck (for the COMFORT PLUS range, adjust the adjustable straps).



Mould the nose bar around the nose to seal it off completely.



Check the seal by breathing out hard and ensure that no air leaks around the sides of the mask. If necessary, readjust and check again.

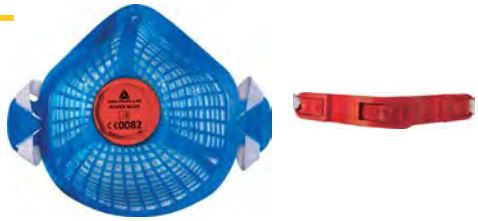
EN 149
FFP3 NR

X 48

SPIDERMASK P3 1+5

Pack of 5 P3 disposable or reusable masks with valve, with a structure that allows only the filter media to be changed
Material : Mesh - Synthetical nonwoven - TPE - Molded | Fastening : Bridles - Clip

Blue



EN 149
FFP2 NR

X 48

SPIDERMASK P2 1+5

Pack of 5 P2 disposable or reusable masks with valve, with a structure that allows only the filter media to be changed
Material : Mesh - Synthetical nonwoven - TPE - Molded | Fastening : Bridles - Clip

Blue



EN 149
FFP2 NR

X 10

SPIDERMASK P2W X5

Box of 5 P3 disposable or reusable masks with valve, with a structure that allows only the anti-odour filter media to be changed.
Material : Mesh - TPE - Molded | Fastening : Bridles - Clip

Grey



EN 149
FFP3 NR

X 10

SPIDER REFILL FFP3

Box of 30 replacement filter media for SPIDERMASK P315.
Material : Synthetical nonwoven - Spare filter parts

White



EN 149
FFP2 NR

X 10

SPIDER REFILL FFP2

Box of 30 replacement filter media for SPIDERMASK P215.
Material : Synthetical nonwoven - Spare filter parts

White



EN 149
FFP2 NR

X 10

SPIDER REFILL FFP2W

Box of 30 replacement filter media for SPIDERMASK P2W.
Material : Synthetical nonwoven - Spare filter parts

Grey



Grey



M1305VW

10 X

Box of 10-piece FFP3 (valve) facial filter masks with activated charcoal for protection against noxious odours (e.g. welding fumes). Foldable 4-panel mask for all types of faces.
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

EN 149
FFP3 NR D

White



Blue



M1305V

10 X

Box of 10-piece FFP3 facial filter masks (valve) in non-woven synthetic fibre. Foldable 4-panel mask for all types of faces. Adjustable nose bridge with foam edge reinforcement
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

EN 149
FFP3 NR D

White



Blue



M1205V

10 X

Box of 10-piece FFP2 facial filter masks (valve) in non-woven synthetic fibre. Foldable 4-panel mask for all types of faces. Adjustable nose bridge with foam edge reinforcement
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

EN 149
FFP2 NR D

White



M1205

10 X

Box of 20-piece FFP2 facial filter mask in non-woven synthetic fibre. Foldable 4-panel mask for all types of faces. Adjustable nose bridge with foam edge reinforcement
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

EN 149
FFP2 NR D

White



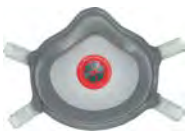
M1105

10 X

Box of 20-piece FFP1 facial filter masks in non-woven synthetic fibre. Foldable 4-panel mask for all types of faces. Nose bridge with foam edge reinforcement.
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

EN 149
FFP1 NR D

White





M1300V

10 X

Box of 5 P3 disposable masks with valve and wide adjustable straps for a better fit.
Material : Synthetical nonwoven - Molded | Face joint material : Foam | Nose clip : Steel | Fastening : Bridles

EN 149
FFP3 NR D

EN 149
FFP3 NR D

X 36

M2FP3V

White

Pack of 2 P3 disposable masks with valve and wide adjustable straps for a better fit.
Material : Synthetical nonwoven - Molded | Face joint material : Foam | Nose clip : Steel | Fastening : Bridles




EN 149
FFP2 NR D

X 10

M1200VPLUS

White

Box of 5 P2 disposable masks with valve and wide adjustable straps for a better fit.
Material : Synthetical nonwoven - Molded | Face joint material : Foam | Nose clip : Steel | Fastening : Bridles




EN 149
FFP2 NR D

X 40

M2FP2VPLW

Grey

Pack of 2 P2 anti-odour disposable masks with valve and wide adjustable straps for a better fit
Material : Synthetical nonwoven - Molded | Face joint material : Foam | Nose clip : Steel | Fastening : Bridles




EN 149
FFP3 NR D

X 10

M1300V2

White

Box of 10 P3 disposable masks with valve
Material : Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles




EN 149
FFP2 NR D

X 10

M1200V

White

Box of 10 disposable masks P2 with valve
Material : Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles




EN 149
FFP2 NR D

X 36

M2FP2V

White

Pack of 2 P1 disposable masks without valve.
Material : Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles




Grey



M1200VW

10 X

Box of 10 P2 disposable, anti-odour masks with valve.
Material : Active coal - Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles

EN 149
FFP2 D

White



M2FP2VW

36 X

Pack of 2 P2 disposable anti-odour masks with valve.
Material : Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles

EN 149
FFP2 NR D

White



M1200

10 X

Box of 20 disposable masks P2 without valve
Material : Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles

EN 149
FFP2 NR D

White



M1100V

10 X

Box of 10 disposable masks P1 with valve
Material : Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles

EN 149
FFP1 NR D

White



M1100C

10 X

Box of 20 disposable masks P1 without valve
Material : Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles

EN 149
FFP1 NR D

White



M3FP1

36 X

Pack of 3 P1 disposable masks without valve.
Material : Synthetical nonwoven - Molded | Nose clip : Steel | Fastening : Bridles

EN 149
FFP1 NR D

EN 149
FFP3 NR D

X 10

M1300VB

Box of 10 simple and efficient P3 disposable respirator masks, vertically foldable, with valve for optimised breathing comfort.
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

White



EN 149
FFP2 NR D

X 10

M1200VB

Box of 10 simple and efficient P2 disposable respirator masks, vertically foldable, with valve for optimised breathing comfort.
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

White



EN 149
FFP1 NR D

X 10

M1100VB

Box of 10 simple and efficient P1 disposable respirator masks, vertically foldable, with valve for optimised breathing comfort.
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

White



EN 149
FFP2 NR

X 10

M1202BHC

Box of 30 P2 disposable masks without valve, vertically foldable, equipped with inner comfort foam and elastic behind the ears.
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

⊕ Mask in individual bag, hygienic and easy to transport

White





Black

EN 14683
Type II

X 40

HM11001U

Dispenser boxes of 50 disposable Type II medical masks. Class 1 medical device. 3 folds. Nose clip for adjustment. Non-woven polypropylene.
Material : Synthetical nonwoven - Foldable | Nose clip : Steel | Fastening : Bridles

Blue-White




DELTAPLUS

Cut protection

Intense cut work 107
Long-lasting cut work 108
Slightly sharp and non intensive work 109
Intense cut work 110
Long-lasting cut work 113
Slightly sharp and long-lasting work 117

Mechanical protection for precision works

Works in dry environment 122
Specific works 126
Works in oily environment 127

Mechanical protection for multi purpose works

Works in wet environment 130
Works in dry environment 131

Mechanical protection for heavy works

Specific works 132
Works in wet environment 133
Works in dry environment 134
Works in oily environment 136
Works in wet environment 139

Chemical protection

Work with prolonged chemical resistance 141
Disposable 149

Thermal protection

Thermal cold works 150
Thermal welding works 154
Thermal specific works 156

THE IMPORTANCE OF GOOD HAND PROTECTION

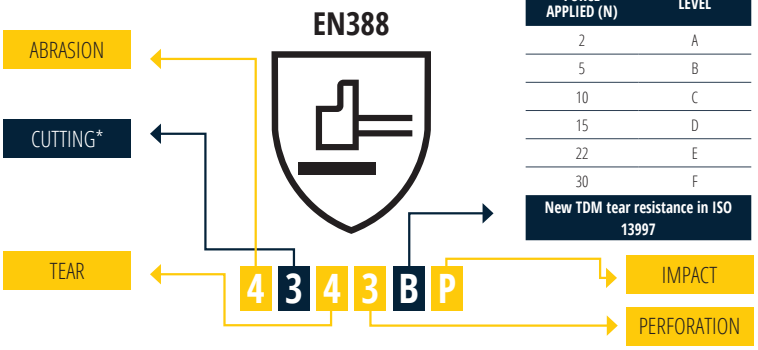
In Europe, a workplace accident occurs every 22 seconds. Of these accidents, 27%, or nearly one-third, involve the hands and forearms. In addition, 1.6% of accident victims suffer permanent disabilities.
These figures demonstrate how essential it is to **choose the right glove for the risk involved.**
To do this, it is essential to clearly identify the customer's needs and the specific characteristics of their business in order to offer suitable and effective protection.

GLOVE MARKING



EN388 USES & APPLICATIONS

All products presented comply with EN388, with the exception of COB40 and 50MAC.



For gloves made of highly resistant materials (materials that blunt the blade during the test), the Cut
Test is no longer relevant, and a TDM test is mandatory.

The TDM test is also more representative of work situations with a high risk of cuts.

**During testing, the gloves quickly dulled the blade, which does not affect their intrinsic resistance.*

RISKS TO THE HAND: INTRODUCING THE NEW SEGMENTATION



Cut



Impact



Wear



Wear Chemical



Thermal

SMART DESIGN — Designed for a lightweight and adjustable fit to ensure freedom of movement while providing lasting comfort.

SIMPLE EXTRA FUNCTION — Materials chosen for their performance and adaptability to user needs, without unnecessary complexity.

SUPERIOR ENGAGEMENT — Manufactured to ensure durability and reliable grip in all environments.

GLOVE COMPOSITION AND CHARACTERISTICS

The fibre

It is important to adapt the fibre to the intended use of the glove. There are three types of use: mechanical, technical and specific.

1 Mechanical glove fibres: made from a single fibre

Cotton: a natural textile fibre of plant origin. It is one of the most widely used materials in the world for manufacturing textiles thanks to its natural qualities and comfort.

Polyester: a synthetic fibre with several advantages similar to polyamide. It can be blended with cotton, which compensates for its inability to absorb perspiration, its rather rough feel and its tendency to pill. It offers good elasticity, easy care and high abrasion resistance.

Polyamide: a synthetic fibre also known as nylon, which can return to its original shape after being stretched. Its low water absorption allows it to dry quickly. Polyamide is strong, durable, flexible and washable. Pleasant to the touch, it feels comfortable and cool.

	Polyester	Polyamide
Abrasion resistance	★★★★☆	★★★★★
Heat resistance	★★★★★	★★★☆☆
Comfort	★★☆☆☆	★★★★★
Sweat absorption	★☆☆☆☆	★★★★☆
Easy care	★★★★★	★★★☆☆

2 Technical glove fibres: blend of mechanical fibre and technical fibre


Fibre of glass


Fibre of steel


Tungsten = One of the strongest steel fibres.


HPPE (High Performance Polyethylene)


HDPE (High Density Polyethylene)


Kevlar = Para-aramide

3 Specific fibres:


Spandex = Elastane


Acrylic

Gauge

This is the number of loops in an inch (2.54 cm).

The higher the gauge, the thinner the glove, as there are more loops and therefore they are smaller for the same size.

- Gauge 10: 10 loops per 2.54 cm
- Gauge 13: 13 loops per 2.54 cm
- Gauge 15: 15 loops per 2.54 cm
- Gauge 18: 18 loops per 2.54 cm
- Gauge 21: 21 loops per 2.54 cm

Gives a second-skin effect, comfort and fine workmanship.

The coating

A coating provides the glove with additional protection and a grip that is suited to the working environment. There are different coatings for knitted and chemical gloves.

Knitted glove	Chemical glove
Latex	PVC
PU	Neoprene
Smooth nitrile	Nitrile
Foam nitrile	Latex
Granular nitrile	
D Touch : granular nitrile and TPU*	

Dry environment	Humid environment	Oily environment	Chemical Environment aggressive	Non-aggressive chemical environment
PU Nitrile	Nitrile latex	Nitrile	Neoprene	PVC
Leather	Waterrepellent leather		Nitrile	

* TPU: thermoplastic polyurethane, is a thermoplastic elastomer that combines the elastic properties of elastomers with the mechanical properties of plastics.

DELTACUT Cut

LIGHT CUT (B/A2)

Minimum fineness (Gauge 10 13)

VENICUTB02 6→11
VENICUTB04 6→11
VENICUTB03 6→11

Medium fineness (Gauge 15)

VENICUTB01 6→11
VENICUTB00 6→11

Maximum fineness (Gauge 18 21)

VENICUTBGREEN 6→11
VENICUTB08 7→11
VENICUTB07 7→11
VENICUTB05 6→11

MEDIUM CUT (C/A3, D/A4)

Minimum fineness (Gauge 10 13)

VENICUTC05 7, 9, 10
VENICUTCM1
VENICUTDX1 9→11
VENICUTD09 6→11
VENICUTD04 8→11
VENICUTD08 7→11
ECONOCUTDM1
VENICUTD07 7→10
VENICUTDX0 9→10
VENICUTD02 7→10

Medium fineness (Gauge 15)

VENICUTC01 7→11
VENICUTC02
VENICUTD03 7→10
VENICUTD00 6→11

Maximum fineness (Gauge 18 21)

VENICUTD10 6→11
VENICUTD11 6→11
VENICUTD12 7→11
VENICUTD13 7→11
VENICUTD14 6→11
VENICUTD15 6→11

INTENSIVE CUT (F/A6, A7, A8, A9)

Minimum fineness (Gauge 10 13)

VENICUTF08 7→11
VENICUTF07 7→11

Medium fineness (Gauge 15)

VENICUTF03
VENICUTF01 6→11
VENICUTF00 6→11

Maximum fineness (Gauge 18 21)

VENICUTF02
VENICUTA901 8→11
VENICUTFM00 6→11
VENICUTF10 6→11
VENICUTF11 6→11

DELTASHOCK Impact

LIGHT INTENSITY WORK

Cut X

VV902 10→11
VV904 10→11

Cut B

VV906 7→12

Cut C

VV907 7→12

Cut D

VV909 8→11

MEDIUM INTENSITY

Cut D

VV910 8→11
VV913 8→11

HEAVY DUTY WORK

Cut D

VV915 7→12
VV922 7→12

Cut F

VV916 7→12

NI975 10

VV912 9→11

Light intensity work : combination of 2 protections against low-intensity risks
Medium intensity work : combination of 3 protections against a combination of moderate risks
Heavy duty work : combination of at least 4 protections against a multitude of high risks

: Touch screen function : Grip : Washes : Fine touch : Long cuff : Vibration : Ecological : Reinforcement : Impact / Shock : Water repellent / Waterproof

: PU : Nitrile : Latex : Leather : Other : Without coating

Category II
EN 388 4X43FP
EN 407 X1XXXX
ANSI ISEA 105 A6
ANSI ISEA 138 Level 2

X 60

VV916

Impact tactile glove with high impact protection, covering all knuckles and extremely resistant to cuts.
Support : Knitted - Elastane - Glass Fiber - Nylon - Polyester - Spandex | Coating : Nitrile - Grip-textured - Palm coated | Reinforcements : Palm - Thumb - Thumb-index - Back | Straight cuff | Gauge : 18

⊕ Tested before and after washing: performance unchanged

Yellow-Grey-Black
8 → 12





Category II
EN 388 4X42FP
EN 407 X1XXXX
ANSI ISEA 105 A6
ANSI ISEA 138 Level 2

X 60

VV912

Goat leather impact glove for heavy-duty work with level F cut-resistant liner, offering comfort, protection, and breathability.
Support : Cut and sewn | Material : Nylon - Spandex - Steel Fiber | Reinforcements : Finger's back - Back | Sewn open cuff with elastic

⊕ Treated to resist moisture

White
9 → 11





Category II
EN 388 3X42DP
EN 407 X2XXXX

X 60

EOS FLEX CUT D VV922

Impact-resistant glove with level D cut protection for the whole hand, ideal for multi-purpose work in aqueous or oily environments
Support : Knitted - SOFTnocut (Mixed HDPE /Spandex / polyamide) | Coating : Thermoplastic - Smooth - Fully coated | Gauge : 15

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand
⊕ Flexible reinforcements for added protection against impact and pinching

Black
9





Category II
EN 388 4X43DP
EN 407 X1XXXX
ANSI ISEA 105 A4
ANSI ISEA 138 Level 1

X 60

VV915

Impact gloves for heavy work with reinforced palm and fully waterproof nitrile coating.
Support : Knitted - Elastane - Glass Fiber - Nylon - Polyester - Spandex | Coating : Nitrile - Smooth, Grip-textured - Fully coated except wrist | Reinforcements : Palm - Finger's back - Thumb - Thumb-index - Back | Velcro cuff | Gauge : 15

⊕ Tested before and after washing: performance unchanged

Yellow-Grey-Black
7 → 12





Yellow-Grey-Black
8 → 11





EOS NOCUT WINTER VV913

60 X

Level D cut, winter impact-resistant glove, ideal for multipurpose work in aqueous or oily environments
Support : Knitted | Material : PEHD - Kevlar | Coating : Nitrile - Smooth, Grip-textured - Palm coated | Reinforcements : Palm - Finger's back - Back | Lining : Acrylic | Velcro cuff

CE Category II

EN 388
4 X 4 4 D P

EN 407
X 1 X X X X

EN 511
1
3
X

ANSI ISEA 105
A4

⊕ Flexible reinforcements for added protection against impact and pinching

0% DMF 0% SILICONE

Yellow-Grey-Black
8 → 12





EOS NOCUT VV910

60 X

Level D cut, impact-resistant glove, ideal for multipurpose work in aqueous or oily environments
Support : Knitted - Aramid - PEHD | Coating : Nitrile - Smooth, Grip-textured - Palm coated | Reinforcements : Palm - Finger's back - Thumb - Thumb-index - Back | Velcro cuff | Gauge : 13

CE Category II

EN 388
4 X 4 3 D P

EN 407
X 1 X X X X

ANSI ISEA 105
A4

⊕ Silicone-free/ DMF-free, leaving no residue on components while limiting allergies
⊕ Flexible reinforcements for added protection against impact and pinching

0% DMF 0% SILICONE

Yellow-Grey-Black
7 → 11





EOS NOCUT VV909

60 X

Impact glove for heavy work, with high flexibility and lightness thanks to its PVC reinforcements made like honeycomb
Support : Knitted | Coating : Nitrile - Grip-textured - Palm coated | Reinforcements : Finger's back - Back | Gauge : 13

CE Category II

EN 388
3 X 4 3 D P

EN 407
X 1 X X X X

ANSI ISEA 105
A4

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ Flexible reinforcements for added protection against impact and pinching

Yellow
7 → 12





EOS VV907

60 X

Light, tactile impact glove designed for multi-purpose work.
Support : Knitted - Elastane - Glass Fiber - Nylon - Polyester - Spandex | Coating : Nitrile - Grip-textured - Palm coated | Reinforcements : Palm - Finger's back - Thumb - Back | Straight cuff | Gauge : 15

CE Category II

EN 388
4 X 4 3 C P

EN 407
X 1 X X X X

ANSI ISEA 138
Level 1

ANSI ISEA 105
A3

⊕ Tested before and after washing: performance unchanged

Category II

EN 388
3 X 4 4 B P

EN 407
X 1 X X X X

ANSI ISEA 105
A2

ANSI ISEA 138
Level 1

X 60

EOS VV906JA

Cut and sewn impact glove for multi-purpose work, with excellent grip in oily environments thanks to its PVC dots.
Support : Cut and sewn | Material : Impregnated PU cloth - Polyester - Nylon - Spandex | Reinforcements : Palm - Finger's back - Thumb - Thumb-index - Back | PVC Dots | Sewn open cuff with elastic

⊕ Tested before and after washing: performance unchanged

Yellow
7 → 12





Category II

EN 388
4 X 1 1 A P

ANSI ISEA 105
A2

ANSI ISEA 138
Level 1

X 60

NI975

Oil-resistant impact glove thanks to its full nitrile coating.
Support : Cut and sewn | Material : Cotton Textile | Coating : Nitrile - Grip-textured - Fully coated except wrist | Reinforcements : Finger's back - Thumb - Back | Large safety cuff

⊕ Longer service life thanks to a double coating for excellent abrasion resistance
⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Blue
10







Green-Black
8 → 11





VENICUTA901

2 X

Cut-resistant glove with the highest level of cut resistance combined with extreme working finesse thanks to its 18 gauge.
Support : Knitted - Glass Fiber - Xtremcut - Tungsten | Coating : Nitrile - Thermoplastic - Grip-textured - Palm coated | Gauge : 18

Category II

EN 388
4 X 4 2 F

EN 407
X 1 X X X X

ANSI ISEA 105
A9

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves

XTREMcut+

Blue-Black
6 → 11





VENICUTF10

60 X

Tactile level F cut-resistant glove offering excellent dexterity and extreme comfort, ideal for dry environments.
Support : Knitted - Nylon - Polyester - Spandex - Tungsten | Coating : PU - Smooth - Palm coated | Gauge : 21

Category II

EN 388
3 X 4 2 F

ANSI ISEA 105
A6

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ Lightweight for optimal dexterity

Blue-Black
6 → 11





VENICUTF11

60 X

Tactile level F cut-resistant glove offering excellent dexterity and extreme comfort, ideal for oily and greasy environments.
Support : Knitted - Nylon - Spandex - Tungsten | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 21

Category II

EN 388
3 X 4 2 F

ANSI ISEA 105
A6

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ Lightweight for optimal dexterity



Category II
EN 388
4 X 4 3 F
ANSI ISEA 105
A6

X 60

VENICUT F XTREM CUT TOUCH - VENICUTF02

Level F cut-resistant glove, combining comfort and flexibility for precision work in oily or aqueous environments.
Support : Knitted - PEHD - Polyamid - Spandex - Tungsten | Coating : Aqua Polymere - Grip-textured - Palm coated | Gauge : 18

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ Lightweight for optimal dexterity

Navy blue-Black
6 → 11





Category II
EN 388
4 X 4 3 F
ANSI ISEA 105
A6

X 40

VENICUTF07

Level F cut-resistant glove, ideal for oily or aqueous environments, with good grip thanks to a granular nitrile coating
Support : Knitted - Glass Fiber - PEHD - Steel Fiber | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 13

ECOnocut

⊕ User-friendly worksite package, including three pairs for weekly use

Grey-Black
7 → 11





Category II
EN 388
3 X 4 2 F
ANSI ISEA 105
A6

X 40

VENICUTF08

Level F cut-resistant glove, ideal for dry conditions
Support : Knitted - Glass Fiber - PEHD - Steel Fiber | Coating : PU - Smooth - Palm coated | Gauge : 13

ECOnocut

⊕ User-friendly worksite package, including three pairs for weekly use

Grey
7 → 11





Category II
EN 388
4 X 4 2 F
ANSI ISEA 105
A6

X 60

VENICUT F XTREM CUT - VENICUTF03

Level F cut-resistant glove, ideal for heavy duty work in dry conditions
Support : Knitted - Xtremcut | Coating : PU - Smooth - Palm coated | Reinforcements : Thumb-index | Long cuff | Gauge : 13

⊕ Xtrem CUT fiber for comfort and flexibility combined with the highest level of cut protection on the market

Grey
6 → 11





Grey-Black
6 → 11





VENICUT F XTREM CUT - VENICUTF01

60 X

Category II

EN 388
4 X 4 3 F

EN 407
X 1 X X X X

ANSI ISEA 105
A6

Level F cut-resistant glove ideal for heavy duty work in oily or aqueous environments
Support : Knitted - Xtremcut | Coating : Nitrile - Grip-textured - Palm coated | Reinforcements : Thumb-index | Long cuff | Gauge : 13

⊕ Xtrem CUT fiber for comfort and flexibility combined with the highest level of cut protection on the market

Blue-White
6 → 11





VENICUTF00

2 X

Category II

EN 388
2 X 4 X F

Uncoated level F cut-resistant glove, combining comfort and flexibility, ideal for food industry.
Support : Knitted - PEHD - Steel Fiber | Gauge : 15

⊕ Tested before and after washing: performance unchanged

Grey



VENICUTFM00

60 X

Category II

EN 388
4 X 4 X F

ANSI ISEA 105
A6

Versatile level F cut-resistant protection sleeve, ideal for intensive cutting work.
Support : Basalt - Spandex - Steel Fiber - Recycled polyester - HPPE | Gauge : 13 | Length : 550 mm

⊕ Extra thick and long for extra protection of the entire arm



Category II
EN 388 3 X 4 2 D
ANSI ISEA 105 A4

X 60

VENICUTD10

Level D anti-cut glove with extremely fine handling and comfort of use, ideal for dry conditions.
Support : Knitted - Nylon - PEHD - Spandex - Tungsten | Coating : PU - Grip-textured - Palm coated | Reinforcements : Thumb-index | Gauge : 21

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Grey
6 → 11




Category II
EN 388 3 X 4 2 D
ANSI ISEA 105 A4

X 60

VENICUTD11

Level D anti-cut glove with extremely fine handling and comfort of use, ideal for use in oily and greasy environments.
Support : Knitted - Nylon - PEHD - Spandex - Tungsten | Coating : Nitrile - Grip-textured - Palm coated | Reinforcements : Thumb-index | Gauge : 21

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Grey
6 → 11




Category II
EN 388 4 X 4 2 D
EN 16350
ANSI ISEA 105 A4

X 60

VENICUTD14

Level D cut-resistant gloves with electrostatic discharge properties and excellent dexterity, ideal for dry environments.
Support : Knitted - Carbon - Nylon - PEHD | Coating : PU - Smooth - Palm coated | Gauge : 18

0% DMF 0% SILICONE 0% LATEX

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ Lightweight for optimal dexterity

Grey
6 → 11




Category II
EN 388 4 X 4 2 D
EN 16350
ANSI ISEA 105 A4

X 0

VENICUTD15

Level D cut-resistant gloves with electrostatic discharge (ESD) properties and excellent dexterity, ideal for oily environments.
Support : Knitted - Carbon - Nylon - Polyester | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 18

0% SILICONE 0% LATEX

⊕ Tested before and after washing: performance unchanged

Grey
6 → 11




Grey-Black
7 → 10





VENICUTD03

60 X

Category II

EN 388
4 X 4 3 D

ANSI ISEA 105
A4

Tactile level D cut-resistant glove combining comfort and finesse of work, ideal in oily or aqueous environments
Support : Knitted - DELTAnocut (Mix of Polyethylene, Spandex, Polyamide & Carbon) | Coating : Nitrile - Grip-textured - Palm coated | Reinforcements : Thumb-index | Long cuff | Gauge : 15

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ Reduces perspiration thanks to its excellent breathability

Black
8 → 11





VENICUTD04

60 X

Category II

EN 388
3 X 4 3 D

ANSI ISEA 105
A4

Level D cut-resistant glove, waterproof up to the wrist, combining comfort and finesse of work, ideal in oily or aqueous environments
Support : Knitted - DELTAnocut (Mix of Polyethylene, Spandex, Polyamide & Carbon) | Coating : Nitrile - Grip-textured - Fully coated except wrist | Long cuff | Gauge : 13

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Grey
6 → 11





VENICUTD09

60 X

Category II

EN 388
4 X 4 2 D

ANSI ISEA 105
A4

Level D cut-resistant glove with padding for extra durability, ideal in dry conditions
Support : Knitted - SOFTnocut (Mixed HDPE /Spandex / polyamide) | Coating : PU - Smooth - Palm coated | Reinforcements : Thumb-index | Long cuff | Gauge : 13

⊕ Lightweight for optimal dexterity

Grey
8 → 11





VENICUTDX1

60 X

Category II

EN 388
4 X 4 3 D

ANSI ISEA 105
A5

Level D cut-resistant glove with breathable coating and very soft material for intensive and careful use
Support : Knitted - Cow leather | Coating : PU - Smooth - Palm coated | Long cuff | Gauge : 13

⊕ Reduces perspiration thanks to its excellent breathability

Category II
EN 388 3 X 4 2 D
EN 407 X 2 X X X X
ANSI ISEA 105 A4

X 60

VENICUTD02

Level D cut-resistant glove with very good thermal resistance, ideal in wet conditions
Support : Knitted - HEATnocut | Coating : Latex - Grip-textured - Palm coated | Gauge : 10

⊕ The high-performance HEATnocut fiber provides excellent abrasion and cut resistance

Yellow-Grey-Black
7 → 10



Category II
EN 388 4 X 4 2 D
EN 407 X 2 X X X X
ANSI ISEA 105 A4

X 60

VENICUTDX0

Level D cut-resistant glove, contact heat resistant up to 250°, ideal for intensive work
Support : Knitted - HEATnocut - PEHD | Reinforcements : Palm - Finger's back | Gauge : 10

⊕ The high-performance HEATnocut fiber provides excellent abrasion and cut resistance

Yellow-Grey
9 → 10



Category II
EN 388 3 X 4 X D

X 2

VENICUTD00

Uncoated level D cut-resistant glove, combining comfort and flexibility, ideal for food industry.
Support : Knitted - PEHD - Steel Fiber | Gauge : 15

⊕ Tested before and after washing: performance unchanged

Blue-White
6 → 11



Category II
EN 388 3 X 4 2 D
ANSI ISEA 105 A4

X 40

VENICUTD07

Level D cut-resistant glove, ideal for oily or aqueous environments
Support : Knitted - Econocut | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 13

⊕ User-friendly worksite package, including three pairs for weekly use

Grey-Black
7 → 10



Grey
7 → 11





VENICUTD08

40 X

Category II

EN 388
4 X 4 2 D

ANSI ISEA 105
A4

Level D cut-resistant glove, ideal in dry conditions
Support : Knitted - Econocut | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ User-friendly worksite package, including three pairs for weekly use

Grey
7 → 11





VENICUTD12

120 X

Category II

EN 388
3 X 4 3 D

ANSI ISEA 105
A5

Level D tactile cut-resistant glove offering extreme dexterity, ideal for dry environments.
Support : Knitted - Polyester - Spandex - Stainless steel fiber | Coating : PU - Smooth - Palm coated | Gauge : 18

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ User-friendly worksite package, including three pairs for weekly use

Grey-Black
7 → 11





VENICUTD13

120 X

Category II

EN 388
4 X 4 3 D

ANSI ISEA 105
A5

Level D tactile cut-resistant glove offering extreme dexterity, ideal for oily environments.
Support : Knitted - Polyester - Spandex - Stainless steel fiber | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 18

⊕ User-friendly worksite package, including three pairs for weekly use

Grey





ECONOCUTDM1

60 X

Category II

EN 388
2 X 4 X D

ANSI ISEA 105
A4

Versatile level D, cut resistant sleeve, ideal for long term cutting work
Support : Knitted - Econocut | Long cuff | Gauge : 13 | Length : 550 mm

⊕ Extra thick and long for extra protection of the entire arm

Category II

EN 388
4 X 4 3 C

ANSI ISEA 105
A3

X 60

VENICUTC01

Level C cut-resistant glove with padding for extra durability, ideal for use in oily or aqueous environments
Support : Knitted - Glass Fiber - PEHD - Polyester - Spandex | Coating : Nitrile - Grip-textured - Palm coated | Reinforcements : Thumb-index | Long cuff | Gauge : 15

⊕ Reduces perspiration thanks to its excellent breathability
⊕ Lightweight for optimal dexterity

Grey-Black
7 → 11





Category II

EN 388
4 X 4 3 C

ANSI ISEA 105
A3

X 60

VENICUTC02

Level C cut-resistant glove with padding for extra durability, ideal in dry conditions
Support : Knitted - Glass Fiber - PEHD - Polyester - Spandex | Coating : PU - Smooth - Palm coated | Reinforcements : Thumb-index | Long cuff | Gauge : 15

⊕ Reduces perspiration thanks to its excellent breathability
⊕ Lightweight for optimal dexterity

Grey
7 → 11





Category II

EN 388
3 X 4 X C

EN 407
X 1 X X X X

ANSI ISEA 105
A3

X 120

VENICUTC05

Level C cut-resistant multi-purpose glove, ideal for use in the heavy industry
Support : Knitted - HEATnocut | Gauge : 10

⊕ Reduces perspiration thanks to its excellent breathability
⊕ The high-performance HEATnocut fiber provides excellent abrasion and cut resistance

Yellow-Grey
7, 9, 10





Category II

EN 388
3 X 4 X C

EN 407
X 1 X X X X

ANSI ISEA 105
A3

X 60

VENICUTCM1

Versatile level C cut-resistant sleeve, ideal for the food industry
Support : HEATnocut | Gauge : 13 | Length : 450 mm

⊕ The high-performance HEATnocut fiber provides excellent abrasion and cut resistance

Grey-Yellow



Black
6 → 11





VENICUTB05

60 X

Level B cut-resistant glove with electrostatic properties, allowing a high degree of finesse in work, ideal in dry conditions
Support : Knitted - DELTAnocut (Mix of Polyethylene, Spandex, Polyamide & Carbon) - Carbon | Coating : PU - Smooth - Palm coated | Gauge : 18

Category II

EN 388
3 X 3 1 B

EN 407
X 1 X X X X

EN 16350

ANSI ISEA 105
A2

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves

0% DMF 0% SILICONE

Grey-Black
7 → 11





VENICUTB07

40 X

Level B cut-resistant glove with extreme dexterity, ideal for use in oily environments.
Support : Knitted - Econocut | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 18

Category II

EN 388
4 X 3 1 B

EN 407
X 1 X X X X

ANSI ISEA 105
A2

⊕ User-friendly worksite package, including three pairs for weekly use

ECOnocut

Grey
7 → 11





VENICUTB08

40 X

Level B cut-resistant glove with extreme dexterity, ideal for dry environments.
Support : Knitted - Econocut | Coating : PU - Smooth - Palm coated | Gauge : 18

Category II

EN 388
4 X 3 1 B

EN 407
X 1 X X X X

ANSI ISEA 105
A2

⊕ User-friendly worksite package, including three pairs for weekly use



Category II

EN 388
3 X 3 1 B

EN 16350

ANSI ISEA 105
A2

X 60

VENICUTB01

Level B cut-resistant glove, ideal for use in electrostatic environments
Support : Knitted - DELTAnocut (Mix of Polyethylene, Spandex, Polyamide & Carbon) - Carbon | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves

Grey
6 → 11



Category II

EN 388
3 X 4 X B

ANSI ISEA 105
A2

X 60

VENICUTB00

Uncoated, level B cut-resistant glove, ideal for the food industry
Support : Knitted - SOFTnocut (Mixed HDPE /Spandex / polyamide) | Long cuff | Gauge : 15

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use
⊕ Washable glove, so it can be reused

Blue-White
6 → 11



Category II

EN 388
4 X 4 2 B

ANSI ISEA 105
A2

X 120

VENICUTB02

Level B cut-resistant glove with a long protective cuff, ideal for dry conditions
Support : Knitted - SOFTnocut (Mixed HDPE /Spandex / polyamide) | Coating : PU - Smooth - Palm coated | Long cuff | Gauge : 13

⊕ Reduces perspiration thanks to its excellent breathability
⊕ The anti-slip properties of the polyurethane coating provides good grip.

Grey
6 → 11





Grey-Black
6 → 11





VENICUTB03

40 X

Category II

EN 388
3 X 4 3 B

ANSI ISEA 105
A2

Level B cut-resistant glove, ideal for use in oily or aqueous environments
Support : Knitted - Econocut | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 13

⊕ User-friendly worksite package, including three pairs for weekly use

Grey
6 → 11





VENICUTB04

40 X

Category II

EN 388
3 X 4 2 B

ANSI ISEA 105
A2

Level B cut-resistant glove, ideal for dry conditions
Support : Knitted - Econocut | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ User-friendly worksite package, including three pairs for weekly use

Blue
6 → 11





VENICUTBGREEN

120 X

Category II

EN 388
3 1 3 1 B

Eco-friendly level B cut-resistant glove, ideal for dry conditions.
Support : Knitted - Polyester | Coating : PU - Smooth - Palm coated | Gauge : 18

⊕ Tested before and after washing: performance unchanged

DELTADUTY

Mechanical

Minimum fineness (Gauge 10 13)

LIGHT INTENSITY WORK

50MAC 8▸11
TP169 7&9
VV905 7▸11
LA500 7▸10
VE730 8▸11
CT402BL 7▸11
VE702PG 6▸11
VE702P 6▸11

MEDIUM INTENSITY WORK

51FEDF 8▸10
FBN49 7▸11
FCN29 8▸11
FB149 8▸10
CBHV2 8▸11
GFBLE 8▸11
NI015 7▸11
PE001 8▸12

HEAVY DUTY WORK

DS202RP 10
DC103 10
FIBKV02 8▸10
NI150 7▸10
NI155 10
NI170 10
NI175 9▸11

LIGHT INTENSITY WORK

PM159 7, 9
PM160 7&9
COB40 6▸9
VE702PN 6▸11 x12
VE712GR 7▸11 x10
VE715GR 7▸10
VE702PESD 6▸11
VE702GREEN 6▸11 GRS
VE631 7▸10
VE630 7▸10
VV733 7▸10 x6
VV733GREEN 6▸11 GRS

MEDIUM INTENSITY WORK

VE702GR 6▸10
VE733 7▸11
VE722 7▸10
VE713 7▸10
VE702 6▸10
VV712 6▸11

MECHANICAL - EN388 ABRASION RESISTANCE

Light intensity work : performance 3 or less with basic cotton polyester fibre
Medium intensity work : performance 4 or 3 with resistant polyamide fibre or leather 3 without material overlap
Heavy duty work : performance 4 or 3 with reinforcements or leather with fabric overlay, docker

Maximum fineness (Gauge 15 18)

LIGHT

VV704 6▸11
VE701 6▸11

MEDIUM INTENSITY WORK

VE723GREEN 6▸11 GRS
VV636 7▸10
VV702NO 6▸10
VENICUT10 6▸11
VV811 6▸11
VV734 7▸11
VE723 7▸11
VE724 7▸11
VE725 7▸11
VE726 7▸11
VE727 7▸10
VE729 7▸10

: Touch screen function : Grip : Washes : Fine touch : Long cuff : Vibration : Ecological : Reinforcement : Impact / Shock : Water repellent / Waterproof

: PU : Nitrile : Latex : Leather : Other : Without coating

enjoy safety.

Dark Blue
6 → 11





VV704

120 X

Category II

EN 388
2 1 2 1 X

Mechanical glove with very good dexterity for precision work in dry conditions
Support : Knitted - Polyamid | Coating : PU - Smooth - Palm coated | Gauge : 18

⊕ Reduces perspiration thanks to its excellent breathability

Navy blue-Grey
6 → 11





SAFE & STRONG VV811

120 X

Category II

EN 388
3 1 3 1 X

Solvent-free mechanical glove suitable for all environments
Support : Knitted - Polyamid | Coating : Aqua Polymere - Smooth - Palm coated | Gauge : 15

⊕ Environmentally-friendly thanks to its solvent-free coating
⊕ Silicone-free/ DMF-free, leaving no residue on components while limiting allergies

0% DMF 0% SILICONE

Black
6 → 10





HESTIA VV702NO

120 X

Category II

EN 388
4 1 3 1 X

Very thin mechanical glove, ideal for precision work in dry conditions
Support : Knitted - Polyamid | Coating : PU - Smooth - Palm coated | Gauge : 15

⊕ The anti-slip properties of the polyurethane coating provides good grip.

Blue
6 → 11





VENICUT10

120 X

Category II

EN 388
3 1 3 1 X

Coated mechanical glove, ideal for the food industry
Support : Knitted - Polyamid | Coating : PU - Smooth - Palm coated | Gauge : 15

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Category II | EN 388 3 1 2 1 X

X 240

VE702

Mechanical glove ideal for dry conditions, washable and more comfortable for extended wear.
Support : Knitted - Polyamid | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ The anti-slip properties of the polyurethane coating provides good grip.

White
6 → 10





Category II | EN 388 3 1 2 1 X

X 240

VE702GR

Mechanical glove ideal for dry conditions, washable and more comfortable for extended wear.
Support : Knitted - Polyamid | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ The anti-slip properties of the polyurethane coating provides good grip.

Grey
6 → 10





Category II | EN 388 3 1 2 1 X

X 240

VE702PG

Mechanical glove ideal for multipurpose work
Support : Knitted - Polyester | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ The anti-slip properties of the polyurethane coating provides good grip.

Grey
6 → 11





Category II | EN 388 3 1 2 1 X

X 240

VE702P

Mechanical glove ideal for work in dry environments
Support : Knitted - Polyester | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ The anti-slip properties of the polyurethane coating provides good grip.

White
6 → 11





Black
6 → 11





VE702PN

240 X

CE Category II

EN 388
3 1 2 1 X

Mechanical glove ideal for the automotive industry due to its low dirt colour
Support : Knitted - Polyester | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ The anti-slip properties of the polyurethane coating provides good grip.

Blue
6 → 11





VE702GREEN

120 X

CE Category II

EN 388
3 1 2 1 A

Washable, eco-responsible and comfortable mechanical glove for prolonged wear in dry conditions
Support : Knitted | Material : Polyester | Coating : PU - Smooth - Palm coated | Gauge : 13

⊕ Tested before and after washing: performance unchanged

Natural-Blue
7 → 11





CT402

120 X

CE Category II

EN 388
2 1 1 1 X

Mechanical leather glove, ideal for dry conditions
Support : Cut and sewn - Grain leather - Goat leather | Sewn open cuff with elastic | Thickness : 0,7 mm

White
8 → 11





50MAC

120 X

CE Category I

Reinforced palm mitt for minor risks
Support : Cut and sewn - Grain leather - Goat leather | Reinforcements : Palm | Velcro cuff | Thickness : 0,6 mm

⊕ Lightweight for optimal dexterity

Category II

EN 388
2 1 4 X X

X 300

PM159

White
7, 9

Non-coated, ambidextrous mechanical glove
Support : Knitted - Polyamid | Gauge : 13

⊕ Lightweight for optimal dexterity





Category II

EN 388
2 1 4 X X

X 300

PM160

White
7, 9

Mechanical glove, with studs for a better grip
Support : Knitted - Polyamid | PVC Dots | Gauge : 13

⊕ Lightweight for optimal dexterity



Category II

EN 388
X 1 2 X X

X 300

TP169

White
7, 9

Mechanical glove, with studs for a better grip
Support : Knitted - Polyester/coton | PVC Dots | Gauge : 7

⊕ Lightweight for optimal dexterity





Category I

X 600

COB40

White
6 → 9

Mechanical, non-coated, ambidextrous glove
Support : Cut and sewn - Cotton - Cotton Textile

⊕ Lightweight for optimal dexterity



Grey
6 → 11





VE701

0 X

Mechanical gloves with ESD properties for precision work.
Support : Knitted - Carbon - Polyester | Coating : PU - Smooth - Fingertip coated | Gauge : 13

CE Category II

EN 388 1 1 3 1 A

EN 407 X 1 X X X X

EN 16350

ANSI ISEA 105 A1

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ High electrostatic dissipation to reduce the risk of sparking

0% SILICONE 0% LATEX

Grey-Black
6 → 11





VV722ESD

120 X

Mechanical glove with electrostatic properties for precision work.
Support : Knitted - Carbon - Polyamid | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 15

CE Category II

EN 388 3 1 2 1 A

EN 16350

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves

Grey
6 → 11





VE702PESD

240 X

Tactile mechanical glove with electrostatic properties
Support : Knitted - Carbon - Polyester | Coating : PU - Smooth - Palm coated | Gauge : 13

CE Category II

EN 388 3 1 2 1 A

EN 16350

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ High electrostatic dissipation to reduce the risk of sparking



Category II

EN 388
3 1 2 1 A

X 120

VE723GREEN

Eco-responsible mechanical glove with a fine working surface, ideal for oily and greasy environments.
Support : Knitted - Polyester - Spandex | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 15

⊕ Tested before and after washing: performance unchanged

Blue
6 → 11





Category II

EN 388
4 1 2 1 X

X 120

VE723NO

Mechanical glove, with a finesse of work, ideal in oily and greasy environments
Support : Knitted - Polyester - Spandex | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 15

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Black
7 → 11





Category II

EN 388
4 1 2 1 X

X 120

VE724NO

Mechanical glove up to mid-back with a good grip on handled objects, ideal for dry and wet environments
Support : Knitted - Polyester - Spandex | Coating : Nitrile - Grip-textured - Palm coated | Nitrile Dots | Gauge : 15

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Black
7 → 11





Category II

EN 388
4 1 2 1 X

X 120

VE725NO

Waterproof, mechanical glove up to mid-back with a good grip on handled objects, ideal for dry and wet environments
Support : Knitted - Polyester - Spandex | Coating : Nitrile - Smooth, Grip-textured - 3/4 Coated | Nitrile Dots | Gauge : 15

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Black
7 → 11





Fluorescent yellow-Black
7 → 11





APOLLONIT VV734

120 X

Category II

EN 388
3 1 2 1 X

Mechanical glove with good breathability, ideal for oily and aqueous environments
Support : Knitted - Polyester - Spandex | Coating : Nitrile - Thermoplastic - Grip-textured - Palm coated | Gauge : 15

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves

Black-Grey
6 → 11





VV712NO

120 X

Category II

EN 388
4 1 3 1 X

Mechanical glove with ultra-fine coating, ideal for oily and greasy environments.
Support : Knitted - Polyamid | Coating : Nitrile - Smooth - Palm coated | Gauge : 13

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

White-Grey
6 → 11





VV712BC

120 X

Category II

EN 388
4 1 3 1 X

Mechanical glove with ultra-fine coating, ideal for oily and greasy environments.
Support : Knitted - Polyamid | Coating : Nitrile - Smooth - Palm coated | Gauge : 13

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use



Category III

EN 388
3 1 2 1 X

ISO 18889
GR

X 240

VE712GR

Mechanical glove with pesticide protection, ideal for oily and greasy environments
Support : Knitted - Polyester | Coating : Nitrile - Smooth - Palm coated | Gauge : 13

⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Black-Grey
7 → 11



Category II

EN 388
3 1 2 1 X

X 120

VE715GR

Waterproof, mechanical glove up to mid-back, ideal for wet environments
Support : Knitted - Polyester | Coating : Nitrile - Smooth - 3/4 Coated | Gauge : 13

⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Black-Grey
7 → 10





Category II

EN 388
4 1 2 1 X

X 120

VE722

Mechanical glove, ideal for oily and greasy environments
Support : Knitted - Polyester | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 13

⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Grey-Black
7 → 10







Orange-Blue
7 → 11





VE733

120 X

CE Category II

EN 388
2 1 4 1 A

EN 407
X 2 X X X X

Mechanical glove with a very good grip in wet or dry conditions owing to its eco-friendly coating
Support : Knitted - Polyester | Coating : Latex - Smooth - Palm coated | Gauge : 13

⊕ Environmentally-friendly thanks to its solvent-free coating

Blue-Black
7 → 10



VE631

120 X

CE Category II

EN 388
2 1 2 1 A

Mechanical glove ideal for precision work in oily environments
Support : Knitted - Polyester | Coating : Latex - Grip-textured - Palm coated | Gauge : 13

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Grey-Black
7 → 10



VE630

120 X

CE Category II

EN 388
2 1 3 1 X

Mechanical glove ideal for precision work in oily environments
Support : Knitted - Polyester | Coating : Latex - Grip-textured - Palm coated | Gauge : 13

Black
8 → 11





ATON VV731

60 X

CE Category II

EN 388
2 3 4 2 B

EN 407
X 2 X X X X

EN 511
X
1
X

Level B, multi-risk, cut-resistant glove with excellent grip, ideal in wet conditions
Support : Knitted | Material : Aramid | Coating : Latex - Grip-textured - Palm coated | Gauge : 10

⊕ The high-performance HEATnocut fiber provides resistance to contact heat (250° for 15 seconds)

Category II

EN 388
2131A

EN 407
X1XXXX

ANSI ISEA 105
X

X 60

PE001

Lightweight, tactile mechanical glove for versatile work
Support : Cut and sewn - Synthetical textile | Material : Cotton Textile - Spandex | Reinforcements : Palm - Thumb | Lining : Polyester - Spandex | Sewn open cuff with elastic

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ Lightweight for optimal dexterity

Yellow-Grey
8 → 12





Category II

EN 388
2121XP

X 60

ATHOS VV902

Shock-resistant, mechanical glove for multipurpose work
Support : Cut and sewn - Polyamid | Material : Polyester | Reinforcements : Back | Velcro cuff

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use
⊕ Flexible reinforcements for added protection against impact and pinching

Yellow-Grey-Black
10 → 11







Yellow-Black
10 → 11





VV904

60 X

Category II

EN 388
4 1 4 2 B P

ISO 10819

Anti-vibration mechanical glove ideal for heavy duty work owing to its protection against shocks and impacts
Support : Knitted - Polyester | Material : Polyester | Coating : Nitrile - Smooth - Palm coated | Reinforcements : Finger's back - Thumb - Back | Gauge : 7 | Thickness : 8 mm

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use
⊕ Flexible reinforcements for added protection against impact and pinching

Black-Yellow
7 → 11





SAFE & TOUCH VV905NO

60 X

Category II

EN 388
2 1 2 1 X

Mechanical glove with high precision for work in dry conditions
Support : Cut and sewn | Material : Polyester | Reinforcements : Palm | Velcro cuff

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use



Category II | EN 388 2121A

X 120

VV733GREEN

Washable, eco-responsible mechanical glove with enhanced breathability, ideal for wet conditions.
Support : Knitted - Polyester | Coating : Latex - Grip-textured - Palm coated | Gauge : 13

⊕ Washable glove, so it can be reused

Blue
6 → 11





Category II | EN 388 2121X

X 120

APOLLON VV733

Mechanical glove with high breathability and easy to spot with its fluorescent backing, ideal in wet conditions
Support : Knitted - Polyester | Coating : Latex - Grip-textured - Palm coated | Gauge : 13

⊕ Lightweight for optimal dexterity
⊕ Fluorescent backing for easy visual identification of the glove

Fluorescent yellow-Black
7 → 10







Fluorescent orange-Black
7 → 10

Category II | EN 388 2142X

X 120

VE730

Mechanical glove with a very good grip owing to its crinkle coating, ideal for dry and wet environments
Support : Knitted - Polyester | Coating : Latex - Grip-textured - Palm coated | Gauge : 10

Yellow-orange
8 → 11





Category II | EN 388 2121X

X 120

LA500

Waterproof, mechanical glove up to mid-back with a very good grip owing to its rough coating, ideal for dry and wet environments
Support : Cut and sewn | Material : Cotton | Coating : Latex - Grip-textured - 3/4 Coated | Added knitted cuff

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Green
7 → 10





Natural
7 → 11



FBN49

120 X

Category II

EN 388
3 1 2 2 X

Mechanical leather glove, the American cut prevents the seams from being uncomfortable on the underside of the hand
Support : Cut and sewn - Grain leather - Cow leather | Sewn open cuff with elastic | Thickness : 0,9 -> 1,1 mm

Natural
8 → 11





FCN29

120 X

Category II

EN 388
2 1 2 1 X

Mechanical leather glove, ideal for multipurpose work in dry environments
Support : Cut and sewn - Cow leather | Sewn open cuff with elastic | Thickness : 0,9 -> 1,1 mm

Grey-Blue
10



DS202RP

120 X

Category II

EN 388
4 2 2 3 X

Docker's mechanical glove with palm, thumb and index finger reinforcement, offering full hand protection
Support : Cut and sewn - Split leather - Cow leather - Leather, Cotton Textile | Reinforcements : Palm - Back | Lining : Cotton | Large safety cuff | Thickness : 0,9 -> 1,1 mm

Yellow-Blue
10





DC103

120 X

Category II

EN 388
2 1 1 1 X

Docker's mechanical glove, made from upholstery leather
Support : Cut and sewn - Split leather - Cow leather | Large safety cuff | Thickness : 0,7 -> 0,9 mm

Category II

EN 388
3 1 2 2 X

X 120

FB149

Highly durable, comfortable to wear, mechanical leather glove, ideal for dry conditions
Support : Cut and sewn - Grain leather - Cow leather | Sewn open cuff with elastic | Thickness : 1,1 -> 1,3 mm

Beige
8 → 10





Category II

EN 388
2 1 1 X

X 120

51FEDF

Mechanical leather glove, with excellent working properties, ideal for dry conditions
Support : Cut and sewn - Grain leather - Goat leather | Artery protective | Thickness : 0,8 -> 1,0 mm

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Natural
8 → 10





Category II

EN 388
3 1 2 2 X

X 120

GFBLE

Mechanical leather glove, ideal for multipurpose work, ideal in dry environments
Support : Cut and sewn - Grain leather - Cow leather | Artery protective | Thickness : 0,9 -> 1,1 mm

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Natural
8 → 11







Grey-Black
7 → 11





VE726

120 X

CE Category II

EN 388
4 1 3 1 A

Mechanical glove with good flexibility for working in oily conditions
Support : Knitted - Polyamid - Spandex | Coating : Aqua Polymere - Smooth - Palm coated | Gauge : 15

⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Grey-Black
7 → 10





VE727

120 X

CE Category II

EN 388
4 1 3 1 A

Mechanical glove, with good properties for working and grip in oily conditions
Support : Knitted - Polyamid - Spandex | Coating : Aqua Polymere - Smooth - Palm coated | Nitrile Dots | Gauge : 15

⊕ Nitrile means no risk of allergies for users

Grey-Black
7 → 10





VE729

120 X

CE Category II

EN 388
4 1 3 1 A

Waterproof, mechanical glove up to mid-back, with good working properties and good grip in oily conditions
Support : Knitted - Polyamid - Spandex | Coating : Aqua Polymere - Smooth - 3/4 Coated | Nitrile Dots | Gauge : 15

⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Category II | EN 388 3 1 2 1 X

X 120

WET & DRY VV636BL

Blue-Black
7 → 10

Waterproof, mechanical glove providing smoothness and grip in oily environments
Support : Knitted - Polyamid | Coating : Nitrile - Grip-textured - Fully coated except wrist | Gauge : 15



⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand
⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Category II | EN 388 3 1 2 1 X

X 240

VE713

Black
7 → 10

Mechanical glove with high abrasion resistance, ideal for aqueous medium
Support : Knitted - Polyamid | Coating : Nitrile - 3/4 Coated | Gauge : 13



⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Category II | EN 388 2 1 1 1 X

X 120

NI015

Yellow
7 → 11

Mechanical glove, waterproof up to the mid-back and lightweight for long wearing periods
Support : Cut and sewn | Material : Cotton | Coating : Nitrile - Grip-textured - 3/4 Coated | Added knitted cuff | Thickness : 0.80 mm



⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand



Blue
10





NI170

120 X

CE Category II

EN 388
3 1 1 1 X

Waterproof, mechanical glove up to mid-back, suitable for all budgets, ideal for heavy work in oily and greasy environments
Support : Cut and sewn | Material : Cotton | Coating : Nitrile - Grip-textured - 3/4 Coated | Large safety cuff

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Blue
9 → 11





NI175

120 X

CE Category II

EN 388
3 1 1 1 X

Fully coated, waterproof, mechanical glove, offering back of hand protection
Support : Cut and sewn - Cotton - Cotton Textile | Coating : Nitrile - Grip-textured - Fully coated except wrist | Large safety cuff

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Blue
7 → 10





NI150

120 X

CE Category II

EN 388
3 1 1 1 X

Mechanical glove, waterproof to the mid-back with increased comfort and breathability
Support : Knitted - Cotton | Material : Cotton | Coating : Nitrile - Smooth, Grip-textured - 3/4 Coated | Added knitted cuff

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Blue
10





NI155

120 X

CE Category II

EN 388
3 1 1 1 X

Waterproof, mechanical glove, not very sensitive to heat, ideal for heavy work in oily and greasy environments
Support : Cut and sewn - Cotton - Cotton Textile | Coating : Nitrile - Grip-textured - Fully coated except wrist | Added knitted cuff

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Category II

EN 388
3 2 4 3 B

EN 407
4 1 X 1 X X

X 60

FIBKV02

Water-repellent mechanical leather glove with para-aramid fiber lining for high durability, ideal for electric arcing
Support : Cut and sewn - Grain leather - Cow leather - Hydro | Lining : Aramid | Sewn open cuff with elastic | Thickness : 1,0 -> 1,2 mm

⊕ The high-performance HEATnocut fiber provides resistance to contact heat (100°C for 15 seconds)

Beige
8 → 10



Category II

EN 388
2 1 3 2 X

X 120

CBHV2

Water-repellent mechanical leather glove with very good wrist protection provided by its artery guard
Support : Cut and sewn - Grain leather - Cow leather - Hydro | Artery protective | Thickness : 0,9 -> 1,1 mm

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Beige
8 → 11





SUPPORTED OR NOT SUPPORTED ?

CHEM D-FINDER

http://gloves.deltaplus.eu

SUPPORTED: WHAT TYPE OF SUPPORT ?

Cotton: Natural fibre

- Exceptional comfort - Excellent capacity to absorb moisture - Insulating properties.

Polyamide: Synthetic fibre, also called Nylon

- Resistance to traction and abrasion - Elasticity and shape memory - Washable.

Polyester: Synthetic fibre

- Resistance to traction and abrasion - Possibility to blend with cotton to enhance comfort.

Kevlar®: Para-aramid fibre

- Heat and Cut Resistance - Carbonised between 425° and 475° - Self extinguishing - Softness and high dexterity - Washable.

NON- SUPPORTED:

The mould is dipped directly into the material bath.
Thus, the glove is very supple and allows high dexterity.

Different types of non supported gloves:

Flocked (finished with a deposit of cotton particles):

- Pleasant to the touch, limits transpiration and facilitates donning and removal.

Chlorinated (finished by washing the glove in chlorinated water):

- Gives a velvety touch and limits the effects of latex protein allergies.

Different types of disposable glove:

Powdered (finished with a deposit of powder) :

- Pleasant to the touch, limits transpiration and facilitates donning and removal.

Non powdered (finished by washing the glove in chlorinated water) :

- Protects the handled objects while maintaining very good comfort.

DELTACHEM

CHEMICAL PROTECTION



: PU : Nitrile : PVC : Latex : Supported : Flocked : Chlorinated : Long cuff : Tactile : Grip : Gauge

: Vinyl : Leather : Neoprene : Other : Powdered : Non powdered : Without : FineTouch : Wateproof : Heat contact

Category III

EN 388
4 X 4 2 C

EN ISO 374-1
Type B
JKL

EN ISO 374-5

EN 407
X 1 X X X X

X 60

VV835CUT

Level C cut-resistant chemical glove, combining high visibility, comfort of use and prolonged use with hydrocarbons.
Support : Synthetical textile | Coating : Aqua Polymere - Grip-textured - Fully coated | Gauge : 18 | Thickness : 1,15 mm | Length : 340 mm

⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Green
8 → 11





Category III

EN 388
4 1 2 1 X

EN ISO 374-1
Type B
AJKL

EN ISO 374-5

X 60

CHEMSAFE VV835

Chemical glove combining comfort of use and prolonged use against hydrocarbons
Support : Synthetical textile | Coating : Nitrile - Grip-textured - Fully coated | Gauge : 18 | Thickness : 1,15 mm | Length : 350 mm

⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Green
8 → 11





Category III

EN 388
3 1 2 1 A

EN ISO 374-1
Type A
KLMNPT

EN ISO 374-5

X 60

VV836

Chemical glove offering a very good grip on objects handled during prolonged use
Support : Synthetical textile | Coating : Nitrile - PVC - Grip-textured - Fully coated | Gauge : 18 | Thickness : 1 mm | Length : 300 mm

0% DMF 0% SILICONE

⊕ Longer service life thanks to a double coating for excellent abrasion resistance

Blue
9 → 11





Category III

EN 388
3 1 2 1 A

EN ISO 374-1
Type A
KLMNPT

EN ISO 374-5

EN 511
1
1
1

X 60

VV837

Chemical glove, resistant to cold, offering a very good grip on objects handled during prolonged use
Support : Acrylic | Coating : Nitrile - PVC - Grip-textured - Fully coated | Rolled Cuff | Gauge : 10 | Length : 300 mm

0% DMF 0% SILICONE

⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Blue
9 → 11





Blue
8 → 10





PETRO VE766

60 X

Chemical glove combining comfort, full arm protection, good grip on objects handled for resistance to oils and hydrocarbons
Support : Cotton Textile | Coating : PVC - Grip-textured - Fully coated | Gauge : 13 | Thickness : 1,30 mm | Length : 620 mm

CE Category III

EN 388 4 1 3 1 B

EN ISO 374-1 Type B JKL

EN ISO 374-5

⊕ Extra thick and long for extra protection of the entire arm

0% SILICONE

Blue
8 → 10





PETRO VE780

120 X

Chemical glove with good grip on objects handled and resistance to oils and hydrocarbons
Support : Cotton Textile | Coating : PVC - Grip-textured - Fully coated | Gauge : 13 | Thickness : 1,30 mm | Length : 300 mm

CE Category III

EN 388 4 1 3 1 B

EN ISO 374-1 Type B JKL

EN ISO 374-5

⊕ Extra thick and long for extra protection of the entire arm

0% SILICONE



Category III
EN 388 3 1 2 1 X
EN ISO 374-1 Type B AKL
EN ISO 374-5

X 120

PVCC400

Chemical glove protecting the forearm from oils and hydrocarbons in prolonged use
Support : Cotton Textile | Coating : PVC - Smooth - Fully coated | Thickness : 1,20 -> 1,40 mm | Length : 400 mm

⊕ Extra thick and long for extra protection of the entire arm

Red
10





Category III
EN 388 4 1 3 1 X
EN ISO 374-1 Type B AKL
EN ISO 374-5

X 60

PVCC600

Chemical glove protecting the entire arm from oils and hydrocarbons in prolonged use
Support : Synthetical textile | Coating : PVC - Smooth - Fully coated | Thickness : 1,20 mm | Length : 600 mm

⊕ Extra thick and long for extra protection of the entire arm

Red
10





Category III
EN 388 2 1 2 1 X
EN ISO 374-1 Type C K
EN ISO 374-5

X 120

PVC7335

Chemical glove, offering full for arm protection against oil and hydrocarbon splashes in prolonged use
Support : Synthetical textile | Coating : PVC - Smooth - Fully coated | Thickness : 0,90 mm | Length : 350 mm

⊕ Extra thick and long for extra protection of the entire arm

Red
10





Black
6/7 → 10/11





VE509

120 X

Chemical glove with good grip for all types of applications
Support : Cotton Textile | Coating : Neoprene - Grip-textured - Fully coated - Flocked | Thickness : 0,75 mm | Length : 300 mm

Category III

EN 388
3 1 1 0 X

EN ISO 374-1
Type A
AKLMNOPT

EN ISO 374-5

⊕ Extra thick and long for extra protection of the entire arm

Black
6/7 → 10/11





VE510

120 X

Chemical glove protecting the forearm, has a good grip on handled objects for all types of applications
Coating : Neoprene - Smooth - Fully coated - Flocked | Thickness : 0,78 mm | Length : 380 mm

Category III

EN 388
3 1 1 0 X

EN ISO 374-1
Type A
AKLMNOPT

EN ISO 374-5

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Black
6 → 10





VE530V2

120 X

Chemical glove, combining comfort and flexibility, ideal for the food industry
Coating : Latex - Neoprene - Grip-textured - Fully coated - Flocked | Thickness : 0,70 mm | Length : 300 mm

Category III

EN 388
3 1 1 0 X

EN ISO 374-1
Type A
AKLMNPST

EN ISO 374-5

⊕ Extra thick and long for extra protection of the entire arm
⊕ Compatible with food

Category III
EN 388 4 1 2 1 X
EN ISO 374-1 Type A AKLMNPT
EN ISO 374-5
EN 407 X 1 X X X X

X 120

VENIZETTE VE920

Multi-standard chemical glove for comfort and durability, ideal for the food industry
Support : Cotton Textile | Coating : Latex - Smooth - Fully coated | Thickness : 1,25 mm | Length : 300 mm

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Blue
6/7 → 10/11





Category III
EN 388 3 1 2 1 X
EN ISO 374-1 Type A AKLMNPT
EN ISO 374-5
EN 407 X 1 X X X X

X 120

VE920V2

Multi-standard chemical glove combining comfort and increased durability, ideal for the food processing industry.
Support : Cotton Textile | Coating : Latex - Smooth - Fully coated | Length : 300 mm

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Blue
7 → 11





Category III
EN 388 3 1 2 1 X
EN ISO 374-1 Type A AKLMNPT
EN ISO 374-5
EN 407 X 1 X X X X

X 120

VENIFISH VE990

Very comfortable multi-standard chemical glove with a very rough palm for excellent grip when handling acids
Support : Cotton Textile | Coating : Latex - Grip-textured - Fully coated | Thickness : 1,8 mm | Length : 300 mm

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Orange
6/7 → 10/11





Category III
EN 388 3 1 2 1 X
EN ISO 374-1 Type A AKLMNPT
EN ISO 374-5
EN 407 X 1 X X X X
EN 511 X 1 X

X 120

LAT50

Very comfortable multi-standard chemical glove with a very rough palm for excellent grip when handling acids
Support : Cotton Textile | Material : Cotton | Coating : Latex - Grip-textured - Fully coated | Straight cuff | Thickness : 1,80 mm | Length : 300 mm

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Green
7/8 → 10/11





Green
8/9 → 10/11





NITREX VE846

36 X

Chemical glove for forearm protection, combining comfort and durability, ideal for the food industry
Coating : Nitrile - Smooth - Fully coated - Powder free | Thickness : 0,55 mm | Length : 460 mm

Category III
EN 388 4 1 0 2 X
EN ISO 374-1 Type A AGJKLMNOPT
EN ISO 374-5

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand
⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Green
6/7 → 10/11





NITREX VE802

120 X

Chemical glove with good resistance to chemicals and viruses, ideal for pesticides
Support : Cotton Textile | Coating : Nitrile - Grip-textured - Fully coated - Flocked | Thickness : 0,38 mm | Length : 330 mm

Category III
EN 388 4 1 0 1 X
EN ISO 374-1 Type A AJKLMNOPT
EN ISO 374-5
ISO 18889 G2

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand

Green
7 → 11





NITREX VE801

120 X

Chemical glove, leaving no trace on objects because of the absence of silicone, ideal for handling pesticides
Support : Cotton Textile | Coating : Nitrile - Smooth - Fully coated - Flocked | Thickness : 0,40 mm | Length : 330 mm

Category III
EN 388 3 1 0 1 X
EN ISO 374-1 Type B JKL
EN ISO 374-5
ISO 18889 G2

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand
⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Blue
7/8 → 10/11





NITREX VE830

120 X

Very comfortable chemical glove, ideal for the food industry
Coating : Nitrile - Smooth - Fully coated - Powder free | Thickness : 0,20 mm | Length : 330 mm

Category III
EN 388 2 0 0 1 X
EN ISO 374-1 Type A JKLOPT
EN ISO 374-5

⊕ Chlorinated interior for easy glove donning
⊕ The nitrile coating gives people working in oily/greasy environments an excellent grip on the objects they handle

Category III
EN 388 4 1 2 1 X
EN ISO 374-1 Type A AKLMNOPT
EN ISO 374-5
EN 407 X 1 X X X X

X 36

LA600

Multi-standard chemical glove, protecting the entire arm with its length, ideal for handling acids
Coating : Latex - Smooth - Fully coated - Powder free | Thickness : 1,15 mm | Length : 600 mm

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand
⊕ Extra thick and long for extra protection of the entire arm

Black
10 → 11





Category III
EN 388 3 1 2 1 X
EN ISO 374-1 Type A AKLMNOPT
EN ISO 374-5

X 120

VENIPRO VE450

Thick chemical glove, ideal for heavy handling
Coating : Latex - Grip-textured - Fully coated - Flocked | Thickness : 1 mm | Length : 300 mm

⊕ Lightweight for optimal dexterity

Orange
8/9 → 10/11





Category III
EN 388 1 0 1 0 X
EN ISO 374-1 Type A AKLMNPT
EN ISO 374-5

X 144

DUOCOLOR VE330

Chemical glove, ideal for handling chemicals and micro-organisms
Coating : Latex - Grip-textured - Fully coated - Flocked | Thickness : 0,60 mm | Length : 300 mm

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand
⊕ Lightweight for optimal dexterity

Blue-Yellow
6/7 → 9/10





Blue
6 → 10





VE241

144 X

Category III

EN 388
1 0 1 0 X

EN ISO
374-1
Type A
KLMPST

EN ISO
374-5

EN
421:2010

Chemical glove ideal for the food industry, offering good chemical resistance and a chlorinated finish for added comfort.
Coating : Latex - Smooth - Fully coated - Flocked | Thickness : 0.38 mm | Length : 300 mm

⊕ Chlorinated interior for easy glove donning

Yellow
6/7 → 9/10





VE240

144 X

Category III

EN 388
1 0 1 0 X

EN ISO
374-1
Type B
KLMPT

EN ISO
374-5

Chemical glove, ideal for the food industry
Coating : Latex - Grip-textured - Fully coated - Flocked | Thickness : 0,38 mm | Length : 300 mm

⊕ High-quality coating extends the life of the glove and provides excellent protection for the hand
⊕ Lightweight for optimal dexterity



Category III
EN ISO 374-1 Type B JKT
EN ISO 374-5
EN ISO 374-5

X 10

V1600

Disposable nitrile chemical tactile glove with excellent grip in oily environments thanks to its embossed diamond texture.
Coating : Nitrile - Grip-textured - Fully coated - Powder free | Thickness : 0.17 mm | Length : 240 mm

Black
6/7 → 10/11



Category III
EN ISO 374-1 Type B KPT
EN ISO 374-5
EN ISO 374-5

X 10

V1460

Disposable nitrile chemical glove offering good resistance to chemicals.
Coating : Nitrile - Smooth - Fully coated - Powder free | Thickness : 0.06 mm mm | Length : 240 mm

Black
6/7 → 10/11



Category III
EN ISO 374-1 Type B KPT
EN ISO 374-5
EN ISO 374-5

X 10

V1420

Disposable nitrile chemical glove, offering good resistance to chemicals, ideal for the food industry.
Coating : Nitrile - Smooth - Fully coated - Powder free | Thickness : 0.06 mm mm | Length : 240 mm

Blue
6/7 → 10/11



Category III
EN ISO 374-1 Type C KT
EN ISO 374-5

X 10

VENICLEAN V1340

Disposable chemical glove with chlorinated inner lining, ideal for use with less aggressive products in the food industry
Coating : Latex - Smooth - Fully coated - Powder free

Natural
6/7 → 8/9



Category I

X 10

VENITACTYL V1371

Chemical glove, ideal for the food industry
Coating : PVC - Smooth - Fully coated - Powdered

Transparent
6/7 → 9/10



Blue-Black
9 → 11





THRYM VV736

60 X

Category II

EN 388
2 2 3 1 B

EN 407
X 2 X X X X

EN 511
1
2
1

Waterproof, multi-standard glove with a fine grip for intensive cold work
Support : Knitted | Material : Polyamid - Acrylic | Coating : Latex - Grip-textured - Fully coated except wrist | Gauge : 15

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use

Black
9 → 10





HERCULE VV750

60 X

Category II

EN 388
3 2 2 1 X

EN 511
X
2
X

Waterproof , thermal glove up to mid-back, providing comfort and warmth retention for applications in extreme cold environments
Support : Knitted - Acrylic - Polyamid - Fleece fibers | Coating : Nitrile - Grip-textured - 3/4 Coated | Gauge : 13

⊕ Excellent resistance to cold and humidity, ideal for cold environments down to -30°C

Grey-Black
7 → 10





VE728

120 X

Category II

EN 388
3 1 2 1 X

EN 511
X
1
X

Thermal tactile glove with a good grip on objects handled in slightly cold environments
Support : Knitted - Acrylic - Polyester | Coating : Nitrile - Grip-textured - Palm coated | Nitrile Dots | Gauge : 13

⊕ Touch screen, so you can use your tablet or smartphone without removing your gloves
⊕ Excellent resistance to cold and humidity, ideal for cold environments down to -30°C

Grey-Black
7, 9, 11





BOROK VV903

60 X

Category II

EN 388
1 2 2 1 X

EN 511
1
1
0

Thermal glove, resistant to moisture and cold for guaranteed comfort even during prolonged use
Support : Knitted - Thinsulate | Material : Polyester | Coating : Nitrile - Smooth - Palm coated | Reinforcements : Thumb - Thumb-index | Velcro cuff

⊕ Hook-and-loop fastener for better wrist support

Category II
EN 388
3 X 4 3 E
EN 511
X
3
X
ANSI ISEA 105
A5

X 60

APOLLON WINTER CUT VV737

Level E cut-resistant thermal glove, ideal for extreme cold environments
Support : Knitted - Acrylic - PEHD | Coating : Nitrile - Grip-textured - Palm coated | Gauge : 10

⊕ Excellent resistance to cold and humidity, ideal for cold environments down to -30°C

Fluorescent yellow-Black
8 → 11





Category II
EN 388
1 1 3 2 X
EN 511
X
1
X

X 60

APOLLON WINTER VV735

Thermal glove ideal for mild cold environments
Support : Knitted - Acrylic | Coating : Latex - Grip-textured - Palm coated | Gauge : 10

⊕ Lightweight for optimal dexterity
⊕ Excellent resistance to cold and humidity, ideal for cold environments down to -30°C

Fluorescent yellow-Black
9 → 10







Grey-Black
9 → 10



LEATHER GLOVES

AMERICAN ASSEMBLY

Side palm, middle and ring finger form a single piece that is sewn separately to the rest of the palm



Wing thumb | Docker type | Long wrist or cuff | Latex wrist with vein protection

FOURCHETTE ASSEMBLY

The thumb is sewn separately (thumb added). A strip of material is sewn between each finger (fourchette). The glove perfectly matches the shape of the hand.



Round thumb Gusset on fingers | Choy thumb

THE ADVANTAGES OF LEATHER	Type of leather	Abrasion	Durability	Flexibility	Prices
• Lightweight and breathable • Good value for money • Soft, flexible & resistant to abrasion during use	Flower	5	3	4	**
• Durable • High performance in terms of heat resistance & puncture resistance	Flower	2	4	3	***
	Crust	2	4	2	*
• Durable, flexible & providing finesse of work • Performs well against abrasion & perforation	Flower	3	4	4	***

DELTAXTREM

Thermal

VERY HOT (250°C)

KPG10 7 9



VV914 10 8–11

KCA15 7 9



EXTREME (T > 350°C)

TERK500 ? Unique



COOL (0°C < T < 10°C)

VV735 10 8–10



VV903 ? 7, 9, 11



VV731 10 8–11



VE728 13 7–10



COLD (-10°C < T < 0°C)

DCTHI ? 10



FBF50 ? 9–10



FBF15 ? 8, 10, 11



EXTREME (T < -10°C)

VV737 10 8–11



CRYOG ? 10



VV750 7 9–10



VV736 10 9–11



DELTAXTREM

Welding

HOT MIG

FC115 10



GFA115K 10



TIG15K 10



VERY HOT MIG

TER250 10



TC716 10



CA515R 10



EXTREME TIG

CA615K 10



TERK400 10



TER300 10 9–10



EN407 Resistance to contact heat

EXTREME: indice 4

VERY HOT: indice 3

HOT: indice 2 or less

: PU | : Nitrile | : PVC | : Latex | : Vinyl | : Leather | : Neoprene | : Other

: Supported | : Flocked | : Chlorinated | : Powdered | : Non powdered | : Without

: Long cuff | : Tactile | : Grip | 10 : Gauge | : Fine Touch | : Waterproof | : Heat contact

Category II
EN 388
2 1 3 2 X
EN 511
1
2
0

X 60

FBF50

Thermal leather glove, combining resistance to moisture and cold, increased durability and comfort in low-intensity cold environments
Support : Cut and sewn - Grain leather - Cow leather - Leather, Thinsulate | Sewn open cuff with elastic | Thickness : 0,9 -> 1,1 mm

⊕ Excellent resistance to cold and humidity, ideal for cold environments down to -30°C

Beige
9 → 10





Category II
EN 388
2 1 2 2 X
EN 511
2
4
X

X 60

FBF15

Thermal leather glove, ideal in cold environments thanks to the fur inside the glove
Support : Cut and sewn - Grain leather - Cow leather - Leather | Lining : Polyester | Fleece lined cuff | Thickness : 1,0 -> 1,2 mm

⊕ Excellent resistance to cold and humidity, ideal for cold environments down to -30°C

Yellow
8- 10 - 11





Category II
EN 388
3 1 3 1 X
EN 511
1
2
X

X 60

DCTHI

Moisture and cold resistant thermal leather glove, ideal for extreme cold environments
Support : Cut and sewn - Split leather - Cow leather - Leather, Thinsulate | Large safety cuff | Thickness : 1,0 -> 1,2 mm

⊕ Excellent resistance to cold and humidity, ideal for cold environments down to -30°C

Brown-Red
10





Orange-Grey
10





TERK400

36 X

CE Category III

EN 12477
Type A

EN 388
3 2 3 4 X

EN 407
4 1 2 4 4 4

Thermal aluminised leather glove, protecting against extreme heat, ideal for work in heavy industry
Support : Cut and sewn - Split leather - Cow leather - Synthetical textile | Lining : Aramid - Polyester | Aluminised cuff | Length : 400 mm

⊕ THT-treated heat-resistant leather provides increased resistance to contact heat
⊕ Resistant to flame, heat and large splashes of molten metal, ideal for welding and heat protection applications

Blue-Yellow
9 → 10





TER300

60 X

CE Category II

EN 12477
Type A

EN 388
3 1 4 4 X

EN 407
4 3 3 1 4 X

Reinforced thermal leather glove, providing increased heat resistance for heavy duty work
Support : Cut and sewn - Cotton - Kevlar - Split leather - Cow leather - Cotton Textile | Reinforcements : Palm - Thumb - Thumb-index | Lining : Cotton | Leather cuff | Thickness : 1,2 mm | Length : 400 mm

⊕ THT-treated heat-resistant leather provides increased resistance to contact heat

Brown-Grey
10





TER250

60 X

CE Category II

EN 12477
Type A

EN 388
3 2 4 3 X

EN 407
4 1 3 X 4 X

Thermal leather glove ideal for heavy duty work, ideal in extreme heat
Support : Cut and sewn - Split leather - Cow leather - Synthetical textile | Lining : Polyester - Aramid | Leather cuff | Thickness : 1,2 -> 1,4 mm | Length : 400 mm

⊕ THT-treated heat-resistant leather provides increased resistance to contact heat

Grey
9 → 11





TC716

120 X

CE Category II

EN 12477
Type A

EN 388
3 1 2 2 X

EN 407
4 1 2 X 4 X

Thick, thermal leather glove, ideal for welding work in heavy industry
Support : Cut and sewn - Split leather - Cow leather | Leather cuff | Thickness : 1,2 mm | Length : 350 mm

⊕ The high-performance HEATnocut fiber provides resistance to contact heat (100°C for 15 seconds)

Category II
EN 388 2132X
EN 12477 Type B
EN 407 412X4X

X 60

FC115

Thermal leather glove, ideal for welding work in heavy industry
Support : Cut and sewn - Cow leather | Leather cuff | Thickness : 0,9 mm | Length : 350 mm

Grey
10




Category II
EN 388 2111X
EN 12477 Type B
EN 407 413X4X

X 120

GFA115K

Thermal leather glove, combining great flexibility and finesse for welding work in heavy industry
Support : Cut and sewn - Grain leather - Goat leather | Leather cuff | Thickness : 0,7 -> 0,9 mm | Length : 350 mm

Grey
10




Category II
EN 388 2111X
EN 12477 Type B
EN 407 41XX4X

X 36

TIG15K

Thermal leather glove, combining great flexibility and finesse for welding work in heavy industry
Support : Cut and sewn - Grain leather - Goat leather | Lining : Kevlar | Leather cuff | Thickness : 0,8 -> 1,0 mm | Length : 350 mm

Grey
8 → 10




Category II
EN 388 3132X
EN 12477 Type A
EN 407 413X4X

X 60

CA615K

Thermal leather glove, offers increased durability in the heavy industry thanks to their Kevlar stitching
Support : Cut and sewn - Split leather - Cow leather | Leather cuff | Thickness : 1,2 -> 1,4 mm | Length : 350 mm

Red
10




Category II
EN 388 3132X
EN 12477 Type A
EN 407 413X4X

X 60

CA515R

Thermal leather glove, suitable for welding work owing to its resistance to contact heat
Support : Cut and sewn - Split leather - Cow leather | Leather cuff | Thickness : 1,2 -> 1,4 mm | Length : 350 mm

Red
10




Yellow





TERK500 XTREM HEAT

36 X

Category III

EN 388
2 5 4 4 E

EN 407
4 4 4 2 4 X

Level E cut-resistant reinforced thermal glove, ideal for extreme heat environments
Support : Cut and sewn | Large safety cuff | Length : 360 mm

⊕ The high-performance HEATnocut fiber provides resistance to contact heat (500°C for 15 seconds)

Yellow
9





KPG10

36 X

Category II

EN 388
1 X 4 X D

EN 407
4 2 X X X X

Level D cut-resistant ambidextrous thermal glove, combining thermal resistance and finesse, ideal for use in hot environments
Support : Knitted - Aramid - Cotton | Gauge : 7

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use
⊕ The high-performance HEATnocut fiber provides resistance to contact heat (250° for 15 seconds)

Yellow-Rust
9





KCA15

36 X

Category II

EN 388
1 X 4 X D

EN 407
4 2 X X X X

Level D cut-resistant thermal glove, combining thermal resistance, increased durability and finesse, ideal for use in hot environments
Support : Knitted | Material : Cotton - Aramid | Leather cuff | Gauge : 7 | Thickness : 1,2 -> 1,4 mm

⊕ Perfect fit so that users do not feel any discomfort in the wrist area with prolonged use
⊕ The high-performance HEATnocut fiber provides resistance to contact heat (250° for 15 seconds)



Category II
EN 388
2 2 2 2 X
EN 511
2
3
X
ANSI ISEA 105
A2

X 36

CRYOG

Thermal, cryogenic leather glove, combining flexibility, increased durability and comfort
Support : Cut and sewn - Grain leather - Cow leather - Hydro - Synthetical textile | Lining : Synthetical | Large safety cuff | Thickness : 1,1 -> 1,3 mm | Length : 400 mm

⊕ Excellent resistance to cold and humidity, ideal for cold environments down to -30°C
⊕ Compatible with liquid nitrogen (down to -196°C) for a few seconds

Grey-Beige
10



Category II
EN 388
3 X 4 3 E
ASTM F2675
ATPV 54.8 cal/cm²
EN 407
4 2 X X X X

X 60

VV914 ARC FLASH

Level E cut-resistant thermal glove, providing protection against electric arcs, suitable for use in all types of environments
Support : Knitted - Aramid - Glass Fiber | Coating : Neoprene - Grip-textured - Palm coated | Gauge : 10

⊕ The high-performance HEATnocut fiber provides resistance to contact heat (250° for 15 seconds)

Yellow-Black
8 → 11





DIY



CUTTING WORKS

DPVECUTD09
9 - 10 - 11



CUTTING WORKS

DPVECUTD12
7 - 8 - 9 - 10 - 11



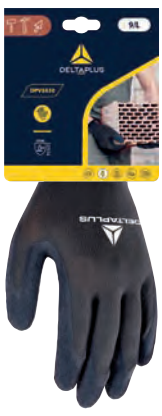
LIGHT CUTTING WORKS

DPVECUTB04
7 - 8 - 9



AGILITY

DPVE702PG
6-7-8-9-10



CONSTRUCTION

DPVE630
7 - 8 - 9- 10



TOOL HANDLING

DPFBN49
8-9-10-11



WELDING

DPTC715
10



LIGHT HANDLING

DPDC103
10

DIY



OILY ENVIRONMENT

DPVV636
7 - 8 - 9 - 10



GENERAL HANDLING

DPVV733JA
7 - 8 - 9 - 10



GENERAL HANDLING

DPVV733OR
7 - 8 - 9 - 10



EXTRA GRIP

DPVE727
7 - 8 - 9 - 10



SECOND WORK

DPVE724RO
7 - 8 - 9 - 10 - 11



WET ENVIRONMENT

DPVE712GR
7 - 8 -9 - 10 - 11



PAINTING

DPVE702P
6 - 7 - 8 - 9 - 10



FINISHING OFF

DPV1371
7/8 - 9/10

DIY



HEAVY HANDLING

DPDS202RP
8-9-10



COLD ENVIRONMENTS

DPVV735
9 - 10



PRECISION WORK

DPVV734
7 - 8 - 9 - 10 - 11

DIY - PACK OF GLOVES



x10

VE712GRG10
9/10



x12

VE702PNG12
8/9/10/11



x1

VE702PGS
6/11



x6

VE733JAG6
9/10



x6

VV712BCG6
9/10

MULTI PURPOSE



MULTI PURPOSE WINTER WORKS

DPVV736
7 - 8 - 9 - 10



WINTER WORKS

VV903
7 - 9 - 11



EXTRA GRIP WINTER

DPVE728
7 - 8 - 9 - 10



INTENSIVE WINTER WORKS

VV913
8 - 9 - 10 - 11



INTENSIVE WORKS

VV910
8 - 9 - 10 - 11



PE001
8 - 9 - 10 - 11-12

MULTI PURPOSE



ANTI VIBRATIONS

VV904
10 - 11



CARPENTER

VV905
7 - 8 - 9 - 10 - 11



WATERPROOF

DPCBHV2
8 - 10



HEAVY DUTY

VV902
10 - 11

GARDENING



THORN BUSH

DPLAT50
7/8 - 9/10



GARDENING GLOVES

DPVE733
7 - 8 - 9 - 10



ROSEBUSH

DPVV831
7 - 8 - 9 - 10

GARDENING



LITTLE GARDENER

DPVV733ESP
4/6 - 6/8 - 8/10



BALCONY AND TERRACE

DPVV733VL
7



SPECIAL HARVEST

DPVE715
7 - 9



MULTI PURPOSE

DPVE716
7 - 9 - 10



PLANTING

DPVE450
8/9 - 10/11



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CHOOSE YOUR PRODUCT ACCORDING TO YOUR WORKING ENVIRONMENT

Gamme CE	Coupe				
Palaos	LOOSE	Twill 100% cotton	200		S --> 3XL
Panostyle	LOOSE	Twill 65% polyester 35% cotton	235		XS --> 3XL
	REGULAR	Twill 63% polyester 34% cotton 3% elastane	240		XS --> 3XL
Mach1	LOOSE	Twill 65% polyester 35% cotton	235	Only the pants	XS --> 3XL XS --> 5XL Only
Mach2	REGULAR	Twill 65% polyester 35% cotton * 100% cotton flannel	245		S --> 3XL S --> 5XL Only
	REGULAR	Twill 100% cotton	195		S --> 5XL
	ADJUSTED	Twill 63% polyester 34% cotton 3% elastane	260		S --> 3XL S --> 5XL Only
Mach2 Women's version	REGULAR	Twill 65% polyester 35% cotton	245		XS --> 3XL
	ADJUSTED	Twill 63% polyester 34% cotton 3% elastane	260		XS --> 3XL
Mach Corporate	REGULAR	Canvas Ripstop 65% polyester 35% cotton	260		S --> 3XL
	ADJUSTED	Canvas Ripstop 64% polyester 34% cotton 2% elastane	275		S --> 3XL
Mach5	ADJUSTED	Canva 92% recycled polyamide, 8% elastane	260		S --> 2XL
	LOOSE	Canvas 60% cotton 40% polyester. Yokes: Cordura® and Oxford polyester.	280		S --> 3XL
	ADJUSTED	Canvas 60% cotton 40% polyester. Canvas 95% polyamide 5% elastane. Yokes: Cordura® and Oxford polyester.	280		S --> 3XL S --> 5XL Only
	ADJUSTED	Canvas - 92% recycled polyamide 8% elastane Yokes = Canvas ripstop	260		S --> 3XL
Mach Originals	LOOSE	Canvas 97% cotton 3% elastane. Yokes : Cordura®.	290		S --> 3XL
	ADJUSTED	Twill: 97% cotton, 3% elastane	260		S --> 4XL

T-shirts/Polo shirts	GENOA2	BALI	NAPOLI	BILBA	SINGA	AGRA	TURINO
							

TROUSERS	JACKETS	BERMUDAS	VESTS	DUNGAREES	OVERALLS
PALIGPA EN ISO 13688	**PALIGVE** EN ISO 13688				
M6PAN EN ISO 13688 EN14404				**M6SAL** EN ISO 13688 EN14404	
PANOSTRPA **PANOSTRPAB** EN ISO 13688					
M1PA2 EN ISO 13688 EN14404	**M1VE2** EN ISO 13688	**M1BE2** EN ISO 13688	**M1GI2** EN ISO 13688	**M1SA2** EN ISO 13688 EN14404	**M1CO2** EN ISO 13688 EN14404
M2PA3 **M2PW3*** EN ISO 13688 EN14404	**M2VE3** EN ISO 13688	**M2BE3** EN ISO 13688	**M2GI3** EN ISO 13688	**M2SA3** EN ISO 13688 EN14404	**M2CO3** EN ISO 13688 EN14404 **M2CZ3** EN ISO 13688
M2LPA3 EN ISO 13688 EN14404					
M2PA3STR EN ISO 13688 EN14404		**M2BE3STR** EN ISO 13688		**M2SA3STR** EN ISO 13688 EN14404	
M2PA3F EN ISO 13688 EN14404					
M2PA3STRF EN ISO 13688 EN14404					
MCPA2 EN ISO 13688 EN14404	**MCVE2** EN ISO 13688			**MCSA2** EN ISO 13688 EN14404	**MCCO2** EN ISO 13688 - EN14404
MCPA2STR EN ISO 13688 EN14404					
GLORIA WOMAN EN ISO 13688					
M5PA3 EN ISO 13688 EN14404	**M5VE3** EN ISO 13688			**M5SA3** EN ISO 13688 EN14404	
M5PA3STR EN ISO 13688 EN14404		**M5BE3STR** EN ISO 13688			
M5PA3TSTR EN ISO 13688					
MOPA2 EN ISO 13688 EN14404			**MOGI2** EN ISO 13688		
JACK-TR EN ISO 13688 EN14404-3					

Accessories	MAPOC	CEINT04	ATOLL	REEF	M2GEN EN ISO 13688 EN14404-3	ZIMA EN ISO 13688 EN14404	VERONA

enjoy safety.

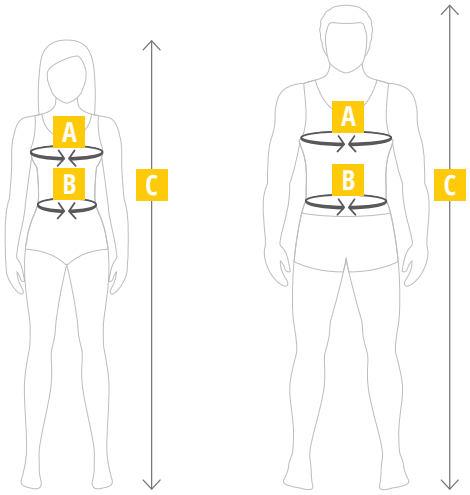
SIZES

Order the right size by taking the correct measurements.

To take the correct measurements, take the measurements directly on the body, without tightening.

I.E. :

- *the measurements outlined in the tables are for the **body**, not the garment.*
- *for wearing a garment over another, **the width required is provided.***



Chest measurement A

Waist measurement B

Height C

SIZE EQUIVALENCE TABLE

MALE	C		156/164	156/164	164/172	172/180	180/188	188/196	196/204	196-204	196-204
		EU	XS	S	M	L	XL	XXL	3XL	4XL	5XL
		US	XXS	XS	S	M	L	XL	XXL	3XL	4XL
JACKET / BOMBER / BODYWARMER / OVERAL Chest measurement A	FR		42/44	46/48	48/50	52/54	54/56	58/60	60/62	64/66	66/68
	IT		46/48	50/52	52/54	56/58	58/60	62/64	64/66	68/70	70/72
	cm		78/86	86/94	94/102	102/110	110/118	118/129	129/141	141/153	153/165
	inch		30/34	34/37	37/40	40 /43	43/46	46/50	50/55 1/2	55 1/2 /60	60/64 1/2
TROUSERS / DUNGAREES / BERMUDA Waist measurement B	FR		32/34	34/36	38/40	42/44	46/48	50/52	54/56	58/60	62/64
	IT		36/38	38/40	42/44	46/48	50/52	54/56	58/60	62/64	66/68
	cm		58/66	66/74	74/82	82/90	90/98	98/106	106/117	117/129	129/141
	inch		23/26	26/29	29/32	32/35 1/2	35 1/2 /38 1/2	38 1/2 /41 1/2	41 1/2 /46	46/50	50/55
TEE-SHIRT A	cm		76/79	80/88	89/97	98/106	107/115	116/124	125/133	134/142	144/152
	inch		30/71	31/34	35/38	38/41	42/45	45/48	49/53	52/55	56/60

FEMALE	C		154/168	154/168	158/172	158/172	162/176	162/176	166/180
		EU	XS	S	M	L	XL	XXL	3XL
		US	XS	S	M	L	XL	XXL	3XL
JACKET Chest measurement A	FR		34	36	38/40	42/44	46/48	50/52	54/56
	IT		38	40	42/44	46/48	50/52	54/56	58/60
	cm		70/74	74/78	78/82	82/86	86/90	90/94	94/98
	inch		27 1/2 /29	29/31	31/32	32/34	34/35 1/2	35 1/2 /37	37/38 1/2
TROUSERS Waist measurement B	FR		34	36	38/40	42/44	46/48	50/52	54/56
	IT		38	40	42/44	46/48	50/52	54/56	58/60
	cm		66/72	72/78	78/84	84/90	90/96	96/102	102/108
	inch		26/28	28/31	31/33	33/35 1/2	35 1/2 /38	38/40	40/42 1/2

EN14404
Type 2
Level 1

X 10

MOPA2

Loose-fitting stretch work trousers, with knee pads and multi-pockets, combining durability, functionality and great freedom of movement
Cut : Loose | Materials : Canvas - 97% cotton 3% elastane | Preformed knees | 290 g/m² | Number of pockets : 10

⊕ CORDURA® reinforcements for optimum abrasion resistance

Navy blue
S → 3XL





Grey
S → 3XL

X 10

MOGI2

Multi-pocket, stretch work vest combining durability, functionality and great freedom of movement
Materials : Canvas - 97% cotton 3% elastane | 290 g/m² | Number of pockets : 10

⊕ CORDURA® reinforcements for optimum abrasion resistance

Grey
S → 3XL





Navy blue
S → 3XL

EN14404-3
Level 1

X 10

JACK-TR

Stretch work pants with adjsuted fit, designed with cargo pockets and an adjustable hem for maximum functionality and style.
Cut : Adjusted | Materials : Twill - 97% cotton 3% elastane - 260 g/m² | Seams : Triple seams | Waist : Elastic button adjustment | Preformed knees | 260 g/m² | Number of pockets : 16

⊕ Stretch fabric for freedom of movement
⊕ Raised rear belt for optimum back protection

Khaki-Black
S → 4XL





Navy blue-Grey
S → 4XL



Dark grey - Black
S → 4XL



Navy blue
S → 3XL





Black
S → 3XL

M5PA3TSTR

10 X

Multi-pocket work pants offering comfort and freedom of movement
Cut : Adjusted | Materials : Canvas - 92% recycled polyamide 8% elastane | Canvas ripstop - 94% recycled polyester 6% elastane | Seams : Triple seams | Waist : Elastic button adjustment | Preformed knees | 260 g/m² | Number of pockets : 8

⊕ Metal-free clothing to limit electrical and electrostatic risks
⊕ Ripstop reinforcements to prevent tearing



Navy blue-Black
S → 3XL





Grey-Black
S → 5XL

M5PA3STR

10 X

EN14404
Type 2
Level 1

Stretch work trousers with a regular cut, resistant for kneeling work in aggressive environments, allowing great freedom of movement
Cut : Regular | Materials : Canvas - 60% cotton 40% polyester 95% polyamid 5% elastane | Canvas oxford - 100% polyamid - Polyurethane coating | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 280 g/m² | Number of pockets : 10

⊕ CORDURA® reinforcements for optimum abrasion resistance



Beige-Black
S → 3XL





Grey-Black
S → 5XL

M5PA3

10 X

EN14404
Type 2
Level 1

Loose-fitting, hard-wearing work trousers for kneeling work in aggressive environments
Cut : Loose | Materials : Canvas - 60% cotton 40% polyester 100% polyamid | Lining: Fleece - 100% polyester | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 280 g/m² | Number of pockets : 10

⊕ CORDURA® reinforcements for optimum abrasion resistance



Black
XS → 2XL



GLORIA

10 X

Work pants designed for women adpated to every move due to Its 4-way stretch fabric
Cut : Adjusted | Materials : Canvas - 92% recycled polyamide 8% elastane | Canvas ripstop - 94% recycled polyester 6% elastane | Seams : Triple seams | Waist : Elastic button adjustment | Preformed knees | 260 g/m² | Number of pockets : 8

⊕ 4-way stretch for total freedom of movement
⊕ Customised, adjustable comfort thanks to the elasticated waistband with buttons on the inside.

EN14404
Type 2
Level 1

X 10

M5SA3

Loose-fitting, hard-wearing dungarees for kneeling work in aggressive environments
Cut : Loose | Materials : Canvas - 60% cotton 40% polyester 100% polyamid | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 280 g/m² | Number of pockets : 12

⊕ CORDURA® reinforcements for optimum abrasion resistance

Grey-Black
S → 5XL





X 10

M5BE3STR

Stretch work shorts with a regular fit, allowing great freedom of movement
Cut : Adjusted | Materials : Canvas - 60% cotton 40% polyester 95% polyamid 5% elastane - 280 g/m² | Seams : Triple seams | 280 g/m² | Number of pockets : 9

⊕ 4-way stretch for total freedom of movement

Grey-Black
S → 5XL





X 10

M5VE3

Durable work jacket particularly suitable for work in aggressive environments
Materials : Canvas - 60% cotton 40% polyester 100% polyamid | 280 g/m² | Number of pockets : 7

⊕ CORDURA® reinforcements for optimum abrasion resistance

Grey-Black
S → 5XL







Beige-Black
S → 3XL



Navy blue-Black
S → 3XL





Grey-Black
S → 3XL

MCPA2STR

10 X

CE

EN14404
Type 2
Level 0

Tight fit, multi-pocket, stretch work trousers combining style, durability, functionality and great freedom of movement
Cut : Adjusted | Materials : Canvas ripstop - 64% polyester 34% cotton 2% elastane | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 275 g/m² | Number of pockets : 15

⊕ Ripstop fabric to prevent tearing



Navy blue-Black
S → 3XL

Light grey-Dark grey
S → 3XL





Grey-Black
S → 3XL

MCPA2

10 X

CE

EN14404
Type 2
Level 1

Regular fit, multi-pocket work trousers combining style, durability and functionality
Cut : Regular | Materials : Canvas ripstop - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 260 g/m² | Number of pockets : 15

⊕ Ripstop fabric to prevent tearing



Navy blue-Black
S → 3XL

Grey-Black
S → 3XL





Light grey-Dark grey
S → 3XL

MCSA2

10 X

CE

EN14404
Type 2
Level 1

Regular fit multi-pocket dungarees combining style, durability and functionality
Cut : Regular | Materials : Canvas ripstop - 65% polyester 35% cotton | Seams : Triple seams | Preformed knees | 260 g/m² | Number of pockets : 11

⊕ Ripstop fabric to prevent tearing

CE

X 10

MCVE2

Multi-pocket work jacket combining style, durability and functionality
Materials : Canvas ripstop - 65% polyester 35% cotton | 260 g/m² |
Number of pockets : 8

⊕ Ripstop fabric to prevent tearing

Light grey-Dark grey
S → 3XL





Navy blue-Black
S → 3XL



Grey-Black
S → 3XL

CE

EN14404
Type 2
Level 1

X 10

MCCO2

Multi-pocket, regular fit overalls combining style, durability and functionality
Cut : Regular | Materials : Canvas ripstop - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elastic back | 260 g/m² |
Number of pockets : 13

⊕ Ripstop fabric to prevent tearing

Grey-Black
S → 3XL







Navy blue-Orange
S → 5XL





M2PA3STR

10 X

CE

EN14404
Type 2
Level 1

Stretch work trousers with a tight fit combining lightness, resistance and great freedom of movement suitable for most uses
Cut : Adjusted | Materials : Twill - 63% polyester 34% cotton 3% elastane | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 260 g/m² | Number of pockets : 9

⊕ Triple stitching to reduce the risk of tearing


Dark grey-Orange
S → 5XL


Blue
S → 5XL


Dark grey-Red
S → 3XL


Grey-Orange
S → 3XL

Dark grey-Orange
XS → 3XL





M2PA3STRF

10 X

CE

EN14404
Type 2
Level 1

Women's cut stretch work trousers with a tight fit combining lightness, resistance and great freedom of movement suitable for most uses
Cut : Adjusted | Materials : Twill - 63% polyester 34% cotton 3% elastane | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 260 g/m² | Number of pockets : 9

⊕ Triple stitching to reduce the risk of tearing

Dark grey
XS → 3XL



M2PA3F

10 X

CE

EN14404
Type 2
Level 0

Women's cut regular fit work trousers combining warmth, lightness and resistance, suitable for most uses
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Waist : Elasticated sides | Preformed knees | 245 g/m² | Number of pockets : 9

⊕ Triple stitching to reduce the risk of tearing

CE

EN14404
Type 2
Level 0

X 10

M2PA3

Regular fit work trousers combining warmth, lightness and resistance, suitable for most uses
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 245 g/m² | Number of pockets : 9

⊕ Triple stitching to reduce the risk of tearing

Dark grey
S → 5XL







Dark grey - Yellow
S → 3XL



Grey-Orange
S → 3XL



Navy blue-Royal blue
S → 3XL



Beige
S → 3XL

CE

EN14404
Type 2
Level 0

X 10

M2PW3

Regular fit work trousers with 100% cotton flannel lining, combining warmth, lightness and resistance, suitable for most uses
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Lining: Flannel - 100% cotton | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 245 g/m² | Number of pockets : 7

⊕ Triple stitching to reduce the risk of tearing

Navy blue-Royal blue
S → 3XL





Grey-Orange
S → 3XL



Dark grey
S → 3XL

CE

EN14404
Type 2
Level 0

X 10

M2LPA3

Lightweight, regular fit cotton work trousers for the spring/summer season, suitable for most uses
Cut : Regular | Materials : Canvas - 100% cotton | Twill - 65% cotton 35% polyester | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 195 g/m² | Number of pockets : 9

⊕ Triple stitching to reduce the risk of tearing

Dark grey
S → 3XL





Dark grey-Orange
S → 5XL





M2SA3STR

10 X

CE

EN14404
Type 2
Level 0

Stretch dungarees with a tight fit combining lightness, resistance and great freedom of movement suitable for most uses
Cut : Adjusted | Materials : Twill - 63% polyester 34% cotton 3% elastane | Seams : Triple seams | Preformed knees | 260 g/m² | Number of pockets : 12

⊕ Triple stitching to reduce the risk of tearing

Grey-Orange
S → 3XL





M2SA3

10 X

CE

EN14404
Type 2
Level 0

Overalls with regular-fit combining lightweight and resistance, suitable for most uses
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Preformed knees | 245 g/m² | Number of pockets : 12

⊕ Triple stitching to reduce the risk of tearing



Dark grey - Yellow
S → 3XL



Dark grey
S → 5XL



Navy blue-Royal blue
S → 3XL



X 10

M2BE3STR

Stretch work shorts with a tight fit combining lightness, resistance and great freedom of movement suitable for most uses
Cut : Adjusted | Materials : Twill - 63% polyester 34% cotton 3% elastane | Seams : Triple seams | Waist : Elasticated sides | 260 g/m² | Number of pockets : 7

⊕ Stretch fabric for freedom of movement

Dark grey-Orange
S → 5XL





X 10

M2BE3

Lightweight and durable regular fit work shorts suitable for most uses
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elasticated sides | 245 g/m² | Number of pockets : 7

⊕ Can be combined with all garments in the range of the same name

Grey-Orange
S → 3XL





Dark grey
S → 5XL



Dark grey - Yellow
S → 3XL

X 10

M2GI3

Lightweight, durable work vest suitable for most uses
Materials : Twill - 65% polyester 35% cotton | 245 g/m² | Number of pockets : 11

⊕ Can be combined with all garments in the range of the same name

Navy blue-Royal blue
S → 3XL





Dark grey
S → 3XL



Grey-Orange
S → 3XL

Beige
S → 3XL





M2VE3

10 X

Lightweight, durable work jacket suitable for most uses
Materials : Twill - 65% polyester 35% cotton | 245 g/m² | Number of pockets : 7

⊕ Can be combined with all garments in the range of the same name



Grey-Orange
S → 3XL



Navy blue-Royal blue
S → 3XL



Dark grey
S → 5XL



Navy blue-Royal blue
S → 3XL

Grey-Orange
S → 3XL



M2CZ3

10 X

Lightweight, durable, regular-fit, double-zip overalls suitable for most uses
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elastic back | 245 g/m² | Number of pockets : 9

⊕ Triple stitching to reduce the risk of tearing



Grey-Orange
S → 3XL



Dark grey
S → 5XL

Navy blue-Royal blue
S → 3XL



M2CO3

10 X

EN14404
Type 2
Level 0

Lightweight, durable, regular-fit, overalls suitable for most uses
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elastic back | Preformed knees | 245 g/m² | Number of pockets : 11

⊕ Triple stitching to reduce the risk of tearing

CE

EN14404
Type 2
Level 0

X 10

M1PA2

Stylish, universal work trousers with regular fit
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 235 g/m² | Number of pockets : 7

⊕ Triple stitching to reduce the risk of tearing

Dark grey
XS → 5XL







Grey-Green
XS → 3XL



Grey-Orange
XS → 3XL



Navy blue-Orange
XS → 3XL

CE

EN14404
Type 2
Level 0

X 10

M1SA2

Stylish, universal dungarees with regular fit
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Preformed knees | 235 g/m² | Number of pockets : 8

⊕ Triple stitching to reduce the risk of tearing
⊕ Covered zip to prevent scratching

Grey
XS → 3XL





Dark grey
XS → 5XL



Navy blue-Orange
XS → 3XL

CE

X 10

M1BE2

Stylish, universal work shorts with regular fit
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elasticated sides | 235 g/m² | Number of pockets : 5

⊕ Triple stitching to reduce the risk of tearing

Navy blue-Orange
XS → 3XL





Dark grey
XS → 5XL



Grey
XS → 3XL



Navy blue-Orange
XS → 3XL



Dark grey
XS → 5XL

Grey
XS → 3XL



M1GI2

10 X

Stylish, universal work vest
Materials : Twill - 65% polyester 35% cotton | 235 g/m² | Number of pockets : 6

⊕ Covered zip to prevent scratching



Dark grey
XS → 5XL

Navy blue-Orange
XS → 3XL



M1CO2

10 X

EN14404
Type 2
Level 0

Stylish, universal overalls with regular fit
Cut : Regular | Materials : Twill - 65% polyester 35% cotton | Seams : Triple seams | Waist : Elastic back | Preformed knees | 235 g/m² | Number of pockets : 7

⊕ Triple stitching to reduce the risk of tearing



Grey
XS → 3XL



Navy blue-Orange
XS → 3XL



Grey
XS → 3XL

Dark grey
XS → 5XL



M1VE2

10 X

Stylish, universal work jacket
Materials : Twill - 65% polyester 35% cotton | 235 g/m² | Number of pockets : 3

⊕ Covered zip to prevent scratching



X 10

PANOSTRPA

Universal stretch work trousers, regular cut
Cut : Regular | Materials : Twill - 63% polyester 34% cotton 3% elastane | Waist : Elastic back | Preformed knees | 240 g/m² | Number of pockets : 5

⊕ Stretch fabric for freedom of movement

Navy blue-Orange
XS → 3XL







Grey-Black
XS → 3XL

X 10

PALIGPA

Lightweight, loose-fitting universal work trousers for the spring/summer season
Cut : Loose | Materials : Twill - 100% cotton | Waist : Elasticated sides | 200 g/m² | Number of pockets : 5

⊕ Can be combined with all garments in the range of the same name

Navy blue
S → 3XL





Grey
S → 3XL

X 10

PALIGVE

Lightweight universal work jacket for the spring/summer season
Materials : Twill - 100% cotton | 200 g/m² | Number of pockets : 3

⊕ Can be combined with all garments in the range of the same name

Navy blue
S → 3XL





Grey
S → 3XL

White-Grey
XS → 3XL



M6PAN

10 X

CE

EN14404
Type 2
Level 0

Universal work trousers for painters with Loose fit for greater comfort
Cut : Loose | Materials : Twill - 65% polyester 35% cotton | Waist : Elasticated sides | 235 g/m² | Number of pockets : 7

⊕ Can be combined with all garments in the range of the same name

White-Grey
XS → 3XL



M6SAL

10 X

CE

EN14404
Type 2
Level 0

Universal overalls with Loose fit for greater comfort
Cut : Loose | Materials : Twill - 65% polyester 35% cotton | Waist : Elasticated sides | 235 g/m² | Number of pockets : 8

⊕ Can be combined with all garments in the range of the same name

White
S → 3XL



NAPOLI

10 X

Universal T-shirt with round neck 100% cotton for more comfort
Materials : Plain stitch - 100% cotton | 140 g/m²

⊕ Lightweight clothing for greater comfort

White-Grey
S → 3XL



LULEA2

10 X

Versatile, windproof and water-repellent softshell for light rain
Materials : Softshell - 96% polyester 4% elastane - two-rolled-layers | Polyester polar fleece | 280 g/m² | 280 g/m² | Number of pockets : 5

⊕ 2-layer complex for added lightness

STRETCH

X 10

BALI

T-shirt in stretch pique mesh, light, breathable, wicks away sweat and dries quickly, is UV50+ resistant
Materials : Stitch - 100% polyester | 160 g/m²

⊕ Quick-drying to stay dry in hot weather

Red-Grey
M → 3XL





Green-Grey
M → 3XL



Black-Yellow
M → 3XL



Grey-Navy blue
M → 3XL



Orange-Navy Blue
M → 3XL

X 10

GENOA2

100% premium cotton round neck T-shirt with the style and comfort of natural fibres
Materials : Plain stitch - 100% cotton | 180 g/m²

⊕ Lightweight clothing for greater comfort

Grey-Black
S → 3XL





Navy blue-Black
S → 3XL



Black
S → 5XL



Orange-Grey
S → 3XL

X 10

NAPOLI

Universal T-shirt with round neck 100% cotton for more comfort
Materials : Plain stitch - 100% cotton | 140 g/m²

⊕ Lightweight clothing for greater comfort

Grey
S → 3XL





White
S → 3XL



Blue
S → 3XL

Grey-Yellow
S → 3XL





BILBA

10 X

Innovative graphene-infused knit t-shirt designed to regulate temperature and deliver comfort and performance in extreme summer conditions
Materials : 57% recycled polyester 36% polyester graphene 7% elastane | 165 g/m²

⊕ Breathable fabric for maximum moisture transfer
⊕ Quick-drying to stay dry in hot weather

Black
S → 3XL



SINGA

10 X

100% premium cotton round neck T-shirt with the style and comfort of natural fibres
Materials : Plain stitch - 100% cotton | 180 g/m²



Red
S → 3XL



Black
S → 3XL

Blue
S → 3XL



AGRA

10 X

Short-sleeve cotton polo t-shirt, 100% cotton for extra comfort
Materials : Pique stitch - 100% cotton | 200 g/m²



Grey-Black
S → 3XL

Black
S → 3XL



TURINO

10 X

Long-sleeve cotton polo t-shirt, 100% cotton for extra comfort
Materials : Pique stitch - 100% cotton | 210 g/m²

X 100

VERONAFLUO

Fluorescent work cap for high visibility, adjustable at the back with a buckle
Materials : Twill - 80% cotton 20% polyester | 280 g/m²

⊕ Compatible with Mach 2 range products

Fluorescent orange



X 100

VERONA

Adjustable back work cap with buckle, curved visor to enhance UV protection, choice of colors
Materials : Twill - 65% polyester 35% cotton | 245 g/m²

Black-Grey



Grey-Orange





Navy blue-Royal blue

CE

EN14404
Type 2
Level 0

X 10

M2GEN

Pair of knee pads compatible with our MACH and MAIAO2 ranges equipped with knee pad pockets, suitable for work on flat floors
Materials : 100% polyethylene

Grey



CE

X 10

ZIMA

Pair of universal gel knee pads with non-slip outer shell, suitable for all types of floors
Materials : Canvas oxford - 100% polyester - PVC coating | Canvas - 100% polyester

Black





Black



REEF

100 X

Stretch waistband for total freedom of movement and comfort
Materials : 70% polyester 30% elastane | metal buckle | Belt length : 123 cm | Belt width : 3,7 cm

⊕ Stretch fabric for freedom of movement

Grey



ATOLL

100 X

Sturdy, stylish belt with brushed aluminium-look buckle
Materials : 100% polyester | metal buckle | Belt length : 120 cm | Belt width : 4 cm

Black
M → XL



CEINT04

48 X

Support belt for spinal and lumbar stabilization
Materials : 69% polyester 31% elastane

Black





MAPOC

40 X

Set of 2 removable pockets for optimum storage of tools and accessories
Materials : Canvas oxford - 100% polyester | 290 g/m² | Number of pockets : 6

⊕ Oxford fabric for better abrasion resistance

CHOOSE YOUR PRODUCT ACCORDING TO YOUR ENVIRONMENT

			CE General requirements	Cool > -5°C	Cold < -5°C	Rain
			ENISO13688	EN14058	EN342	EN343
Bombers		OCALA	●	●		●
		MOOVE, LORCA, BLOOM, DOON				
		RANDERS2 (2 EN 1), RENO2 (2 EN 1), KOPER, MOTION, NORTHWOOD3	●	●		
		FLEN, DENMARK2	●			●
		SOON (2 EN 1), LUTON	●	●		
Rain jackets		850VES, SLIGO, 900VES	●			●
		LITE, GRAFIZ				●
Rain coats		MA305, MA400	●			●
Rain suits		304, 400	●			●
Parkas		QUEBEC	●			●
		TORONTO, PALMA, TATRY2	●	●		●
		MILTON2	●	●		
		VIGO	●			
		AREN, CARSON2, GOTEBORG2, FINNMARK2, DARWIN3, ISOLA2 (5 EN 1)	●			●
		HELSINKI2	●		●	
		ALASKA3 (5 EN 1)	●	●		
		EOLE2 (3 EN 1)	●	●		●
Polaires		BRIGHTON2, KODIAK, ALMA, BEAVER, BEAVER2, VERNON2				
		NAGOYA2	●			
		SHERMAN2, PORTO	●	●		
Softshells		DELMONT, VICTORIA, LULEA2, SOCCIA, HORTEN2LIGHT				
		HORTEN2	●			
		ORSA (2 EN 1)	●	●		
		MYSEN2 (2 EN 1), MYSEN2F				
Sweats		RIGA, LECCO, AREZZO, OLINO, BORGO, SWABI				
Vests		BAKU				
		FIDJI2, FIDJI3, STOCKTON3, SIERRA2, ACTON	●			
		GDOON				
		HOLEN, GILLI	●			
Underwear		COSYTOP, COSYPAN, KOLDYPANTS, KOLDYTOP, SNOWDYTOP, SNOWDYPANTS				
Trousers		850PAN, 900PAN	●			●
Accessories		CHAMONIX, JURA, KARA, NEVE, NORDIC, LENA				



Navy blue-Grey
S → 3XL



Dark grey - Black
S → 3XL

Khaki-Black
S → 3XL



BAKU

10 X

Ripstop puffer vest, offering extreme lightness and tear resistance.
Materials : Canvas ripstop - 100% recycled polyamide - Polyurethane coating, 75 g/m² | Lining: Taffeta - 100% recycled polyester | Padding - 100% recycled polyester - 120 g/m² | Upper neck polar lining | 250 g/m² | Number of pockets : 3

⊕ Lightweight clothing for greater comfort
⊕ Ripstop fabric to prevent tearing



Black
S → 3XL

Navy blue
S → 3XL



ACTON

10 X

Hybrid vest: quilted top for extra warmth, softshell bottom for greater freedom of movement
Materials : Canvas pongee - 100% recycled polyester - tpu-membrane, two-rolled-layers | Softshell - 94% recycled polyester 6% elastane - tpu-membrane, three-rolled-layers | Lining: Taffeta - 100% recycled polyester | 368 g/m² | Number of pockets : 3

⊕ Windproof for protection against the cold
⊕ Water-repellent fabric to keep you dry in light rain



Grey-Orange
S → 3XL



G-DOON

10 X

Puffer gilet with a soft warmth provided by its 100% recycled fill
Materials : Canvas ripstop - 100% polyamid - Polyurethane coating | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | 253 g/m² | Number of pockets : 3

⊕ Lightweight clothing for greater comfort



Navy blue-Royal blue
S → 3XL



Black-Yellow
S → 3XL



Black-Red
S → 3XL



Black-Camouflage
S → 3XL

CE

X 10

HOLEN

Windproof and water-repellent sleeveless stretch bodywarmer, combining style and freedom of movement
Materials : Softshell - 96% polyester 4% elastane - tpu-membrane, three-rolled-layers | 100% polyester polar fleece | 300 g/m² | 300 g/m² | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm / MVP 1000g/m²/24hr membrane

Navy blue-Black
S → 3XL





CE

X 10

FIDJI3

Sleeveless bodywarmer with polar fleece lining combining lightness and soft moderate warmth with its 100% recycled fill
Materials : Canvas ripstop - 100% polyester - PVC coating | Canvas oxford - 100% polyester - PVC coating | Lining: Fleece - 100% polyester | Padding : 100% recycled polyester | Upper neck polar lining | 690 g/m² | Number of pockets : 4

⊕ Side opening for comfort, even when squatting
⊕ 100% recycled wadding for a more environmentally-friendly product

Navy blue-Black
S → 3XL







Black-Red
S → 3XL



Black
S → 3XL



Grey-Black
S → 3XL

CE

X 10

FIDJI2

Sleeveless vest with a fleece lining, combining lightweight comfort and soft intermediate warmth thanks to its 100% polyester filling
Materials : Canvas ripstop - 100% polyester - PVC coating | Canvas pongee - 100% polyester - PVC coating | Canvas oxford - 100% polyester - PVC coating | Lining: Fleece - 100% polyester | Upper neck polar lining | 690 g/m² | Number of pockets : 4

⊕ Fleece lining for medium warmth

Navy blue-Royal blue
S → 3XL







Black-Red
S → 3XL



Black
S → 3XL



Grey-Black
S → 3XL

Navy blue-Royal blue
S → 3XL





STOCKTON3

10 X

Sleeveless bodywarmer with 9 pockets and windproof armholes, combining style and moderate warmth
Materials : Twill - 65% polyester 35% cotton | Lining: Taffeta - 100% polyester | 375 g/m² | Number of pockets : 9

⊕ Compatible with Mach 2 range products



Dark grey
S → 3XL



Grey-Orange
S → 3XL



Black-Red
S → 3XL

Navy blue-Orange
S → 3XL





SIERRA2

20 X

Universal sleeveless bodywarmer with 9 pockets and windproof armholes combining style and moderate warmth with its 100% recycled fill
Materials : Canvas - 80% polyester 20% cotton | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | 395 g/m² | Number of pockets : 9

⊕ Thermal reinforcement protects the kidneys to limit air penetration



Navy blue
S → 3XL



Navy blue-Red
S → 3XL



Grey-Green
S → 3XL



Black
S → 3XL

Dark grey - Black
S → 3XL





GILLI

10 X

Sleeveless polar vest with 2 pockets for comfort and soft warmth
Materials : Fleece - 100% recycled polyester | 280 g/m² | Number of pockets : 4

⊕ Lightweight clothing for greater comfort



Navy blue-Black
S → 3XL

X 10

VICTORIA

Women's softshell jacket: technical performance, thermal comfort, and structured design.
Materials : Softshell - 90% recycled polyester 10% elastane - two-rolled-layers | Inner wrist : Elastane thumb | 320 g/m² | Number of pockets : 2

⊕ 2-layer complex for added lightness
⊕ Water-repellent fabric to keep you dry in light rain

Grey-Black
XS → 2XL





X 10

DELMONT

Flexible softshell parka reinforced at key wear zones for enhanced durability.
Materials : Softshell - 96% recycled polyester 4% elastane - 310 g/m² | Canvas ripstop - 100% recycled polyester - 320 g/m² | Lining - 100% recycled polyester | Removable by zip hood | Inner wrist : Elastane thumb | 350 g/m² | Number of pockets : 3

⊕ Stretch fabric for freedom of movement
⊕ Ripstop reinforcements to prevent tearing

Black-Yellow
S → 3XL







Khaki-Black
S → 3XL

CE

EN 14058
1
3
0,186 (K/W)
X

X 10

ORSA

Windproof, water-repellent and durable 2-in-1 softshell stretch with removable hood and sleeves, combining style and freedom of movement
Materials : Softshell | Canvas ripstop - 92% polyester 8% elastane - tpu-membrane, three-rolled-layers | Polyester polar fleece | 320 g/m² | Removable by zip hood | 320 g/m² | Number of pockets : 3

⊕ Waterproof and breathable WP 8000mm /MVP 3000g/m²/24hr membrane

Navy blue-Orange
S → 3XL







Black
S → 3XL



Grey-Orange
S → 3XL





HORTEN2

10 X

Windproof and water-repellent softshell stretch, combining style and freedom of movement
Materials : Softshell - 96% polyester 4% elastane - tpu-membrane, three-rolled-layers | 100% polyester polar fleece | 300 g/m² | Fixed hood | 300 g/m² | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm /MVP 3000g/m²/24hr membrane



Black-Yellow
S → 3XL



Black
S → 3XL



Black-Orange
S → 3XL

Black-Yellow
S → 3XL





HORTEN2 LIGHT

10 X

Lightweight, windproof and water-repellent softshell stretch for style and freedom of movement
Materials : Softshell - 96% polyester 4% elastane - two-rolled-layers | 100% polyester polar fleece | 200 g/m² | Fixed hood | 200 g/m² | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm /MVP 3000g/m²/24hr membrane



Black-Red
S → 3XL

Khaki-Black
S → 3XL



SOCCIA

10 X

2-in-1 softshell, wind- and water-repellent fabric with removable sleeves, HV piping (except grey color) for improved visibility
Materials : Softshell - 96% recycled polyester 4% recycled elastane - two-rolled-layers | 100% recycled polyester polar fleece | 280g/m² | 280 g/m² | Number of pockets : 6

⊕ Water-repellent fabric to keep you dry in light rain
⊕ 2 in 1 garment to adapt to changing temperatures





Navy blue-Black
S → 3XL



Dark grey - Black
S → 3XL



Black-Red
S → 3XL

X 10

LULEA2

Versatile, windproof and water-repellent softshell for light rain
Materials : Softshell - 96% polyester 4% elastane - two-rolled-layers | Polyester polar fleece | 280 g/m² | 280 g/m² | Number of pockets : 5

⊕ 2-layer complex for added lightness

Black
S → 3XL





Grey-Orange
S → 3XL



Grey-Black
S → 3XL



Navy blue-Black
S → 3XL



White-Grey
S → 3XL

X 10

MYSEN2

Windproof and water-repellent 2-in-1 softshell for light rain with removable sleeves for year-round use
Materials : Softshell - 96% polyester 4% elastane - two-rolled-layers | Polyester polar fleece | 280 g/m² | 280 g/m² | Number of pockets : 5

⊕ 2-layer complex for added lightness

Grey-Yellow
S → 3XL





X 10

MYSEN2F

2-in-1 women's cut, windproof and water-repellent softshell for light rain with removable sleeves for year-round use
Materials : Softshell - 96% polyester 4% elastane - two-rolled-layers | Polyester polar fleece | 280 g/m² | 280 g/m² | Number of pockets : 5

⊕ 2-layer complex for added lightness

Grey-Black
XS → 2XL







Navy blue-Black
S → 3XL





Khaki-Black
S → 3XL

PORTO

10 X

Thick polar fleece jacket with fleece lining for extra warmth, HV accessories for improved visibility
Materials : Polar padded - 100% recycled polyester | 450 g/m² | Number of pockets : 5

⊕ Fleece lining for intense warmth
⊕ Anti-pilling treatment

EN 14058
3
1
0,213 (K/W)
X

Grey-Black
S → 3XL





SHERMAN2

5 X

Fleece-lined jacket with extra warmth
Materials : Stitch - 100% polyester | Polar padded - 100% polyester | 550 g/m² | Number of pockets : 5

⊕ Fleece lining for intense warmth

EN 14058
3
1
0,203 (K/W)
X



Navy blue-Black
S → 3XL





Grey-Black
S → 3XL

NAGOYA2

10 X

Polar fleece vest with bird eye effect and softshell combining warmth and freedom of movement
Materials : Stitch - 100% polyester - 265 g/m² | Softshell - 94% polyester 6% elastane - tpu-membrane, three-rolled-layers, 310 g/m² | 265 g/m² | Number of pockets : 5

⊕ CORDURA® reinforcements for optimum abrasion resistance

X 10

BRIGHTON2

Polar fleece vest with extra warmth and resistance
Materials : Fleece - 100% polyester - two-rolled-layers | Canvas ripstop - 100% polyester | Canvas pongee - 100% polyester | 420 g/m² | Number of pockets : 5

⊕ Ripstop reinforcements to prevent tearing

Navy blue-Black
S → 3XL





Grey-Black
S → 3XL



Black
S → 3XL

X 10

BEAVER2

Polar fleece vest with bird eye effect and softshell combining warmth and freedom of movement
Materials : Stitch - 100% polyester | Softshell - 96% polyester 4% elastane - two-rolled-layers | 265 g/m² | Number of pockets : 4

STRETCH

⊕ Lightweight clothing for greater comfort

Grey-Black
S → 3XL





Black
S → 3XL

X 10

BEAVER

Softshell, polar fleece, pullover vest combining warmth and freedom of movement
Materials : Stitch - 100% polyester | Softshell - 96% polyester 4% elastane - two-rolled-layers | Number of pockets : 2

STRETCH

⊕ Lightweight clothing for greater comfort

Navy blue-Orange
S → 3XL





Grey-Orange
S → 3XL



Grey-Green
S → 3XL

X 5

KODIAK

Cotton flannel jacket with fleece lining and softshell for extra warmth
Materials : Flannel - 100% cotton | Polar padded - 100% polyester | 400 g/m² | Number of pockets : 4

⊕ Fleece lining for intense warmth

Red-Black
S → 3XL







Grey-Black
S → 3XL



Grey-Black
S → 3XL



Black
S → 3XL

Navy blue-Black
S → 3XL



VERNON2

10 X

Universal, two-tone, polar fleece vest suitable for all purposes
Materials : Fleece - 100% polyester | 280 g/m² | Number of pockets : 2





Grey-Black
S → 3XL

Navy blue-Black
S → 3XL



ALMA

10 X

Universal, polar fleece jacket suitable for all purposes
Materials : Fleece - 100% polyester | 200 g/m²



X 0

RIGA

Zip-up hoodie in reverse brushed cotton-polyester, soft and comfortable, enhanced with contrast details for effortless mix & match
Materials : Fleece - 65% recycled polyester 35% cotton | Rain hood: Lining - 100% cotton | 320 g/m²

⊕ Lightweight clothing for greater comfort

Navy blue
S → 3XL





Grey
S → 3XL



Khaki
S → 3XL

X 10

BORGO

Full zip hoodie, combining style and warmth
Materials : Fleece - 65% polyester 35% cotton | Fixed hood | 320 g/m² | Number of pockets : 5

Grey-Black
S → 3XL







Black-Yellow
S → 3XL

X 10

AREZZO

Full zip hoodie with elbow pads
Materials : Fleece - 65% polyester 35% cotton | Fixed hood | 280 g/m² | Number of pockets : 2

⊕ Reinforced fabric for greater resistance.

Navy blue
S → 3XL





Grey
S → 3XL



Black
S → 3XL



Grey-Yellow
S → 3XL

Wine-coloured-Black
S → 3XL



LECCO

10 X

Hoodie to suit all styles
Materials : Fleece - 65% polyester 35% cotton | Fixed hood | 280 g/m² | Number of pockets : 1



Navy blue-Black
S → 3XL



Dark grey - Black
S → 3XL

Khaki-Black
S → 3XL



SWABI

10 X

Full-zip, high-neck sweatshirt combining style and soft warmth, HV accessories (except grey color) for improved visibility
Materials : Fleece - 65% recycled polyester 35% recycled cotton | 320 g/m² | Number of pockets : 3

⊕ Lightweight clothing for greater comfort
⊕ Reflective and fluorescent piping and zip for high visibility day and night



Navy blue
S → 3XL



Black
S → 3XL

Grey
S → 3XL



OLINO

10 X

Universal sweatshirt with shoulder and elbow pads
Materials : Fleece - 65% polyester 35% cotton | 260 g/m²

⊕ Reinforced fabric for greater resistance.

CE EN343 3 1* X

X 10

QUEBEC

Waterproof and warm stretch parka reinforced with ripstop on the areas most exposed to wear for enhanced durability.
Materials : Twill - 100% recycled polyester - tpu-membrane, 130g/m² | Canvas ripstop - 100% recycled polyester - tpu-membrane, 210 g/m² | Lining - 100% recycled polyester | Padding - 100% recycled polyester - 120 g/m² | Seams : Waterproof | Upper neck polar lining | 300 g/m² | Number of pockets : 5

⊕ Stretch fabric for freedom of movement
⊕ Ripstop reinforcements to prevent tearing

Navy blue-Grey
S → 3XL





Dark grey - Black
S → 3XL



Khaki-Black
S → 3XL

CE EN343 3 1* X

X 10

TORONTO

Parka offering warmth, durability, and comfort thanks to its T400 whipcord fabric.
Materials : Whipcord twill - 50% polyester t400 50% recycled polyester - 175 g/m² | Lining - 100% recycled polyester | Padding - 100% recycled polyester - 180 g/m² | Fixed hood | Seams : Waterproof | Upper neck polar lining | 410 g/m² | Number of pockets : 5

⊕ PU membrane for optimum protection against rain and wind
⊕ Abrasion and tear resistant fabric

Dark grey
S → 3XL





CE EN343 3 1* X

X 10

AREN

Waterproof stretch parka combining lightness and soft warmth with its 100% recycled fill
Materials : Canvas - 100% polyester - tpu-membrane, two-rolled-layers | Lining - 100% polyester | Padding - 100% recycled polyester - 80 g/m² | Fixed retractable hood | Seams : Waterproof | 328 g/m² | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm/MVP 800g/m²/24hr membrane

Navy blue-Black
S → 3XL







Black
S → 3XL

CE EN343 3 1* X

X 10

CARSON2

Waterproof parka for intense warmth
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Fleece - 100% polyester | Removable by zip hood | Seams : Waterproof | Upper neck polar lining | Waist : Cord adjustment | Inner wrist : Elastane | 410 g/m² | Number of pockets : 6

⊕ Oxford fabric for better abrasion resistance

Grey-Black
S → 3XL





Navy blue-Black
S → 3XL



Black
S → 3XL

Navy blue
S → 3XL





GOTEBORG2

10 X

CE

EN343
3
1*
X

Waterproof-breathable parka without metal components for extra warmth
Materials : Canvas - 100% polyester - tpu-membrane, two-rolled-layers | Lining: Fleece - 100% polyester | Padding : 100% recycled polyester | Removable by zip hood | Seams : Waterproof | Upper neck polar lining | Inner wrist : Ribbed cuff | 536 g/m² | Number of pockets : 4

⊕ Metal-free clothing to limit electrical and electrostatic risks

Navy blue
XS → 3XL





DARWIN3

10 X

CE

EN343
3
1*
X

Universal waterproof parka for added warmth
Materials : Canvas pongee - 100% polyester - PVC coating | Lining: Taffeta - 100% polyester | Fixed retractable hood | Waist : Cord adjustment | Inner wrist : Ribbed cuff | 430 g/m² | Number of pockets : 5

⊕ Waterproof clothing to stay dry in heavy rain

Navy blue
S → 3XL





FINNMARK2

10 X

CE

EN343
3
1*
X

Waterproof parka combining resistance and extra warmth
Materials : Canvas ripstop - 100% polyester - Polyurethane coating | Lining: Fleece - 100% polyester | Removable by zip hood | Seams : Waterproof | Upper neck polar lining | Waist : Cord adjustment | Inner wrist : Ribbed cuff | 403 g/m² | Number of pockets : 4

⊕ Ripstop fabric to prevent tearing



Grey
S → 3XL

Grey
S → 3XL





VIGO

10 X

CE

Waterproof-breathable stretch parka combining lightness and intermediate warmth
Materials : Canvas - 96% polyester 4% elastane - tpu-membrane, two-rolled-layers | Lining: Fleece - 100% polyester | Fixed hood | Upper neck polar lining | Inner wrist : Elastane | 373 g/m² | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm/MVP 800g/m²/24hr membrane



Red-Black
S → 3XL

CE

EN 14058
2
2
0,228 (K/W)
X

EN343
3
1*
X

X 10

PALMA

Multi-pocket waterproof parka including an anti-waves phone pocket. Padded lining for extra warmth
Materials : Canvas oxford - 100% recycled polyester - tpu-membrane, two-rolled-layers | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | Removable by zip hood | Seams : Waterproof | Upper neck polar lining | 375 g/m² | Number of pockets : 8

⊕ Windproof for protection against the cold
⊕ Waterproof clothing to stay dry in heavy rain

Navy blue-Black
S → 3XL







Dark grey - Black
S → 3XL

CE

EN 14058
2
2
0,221 (K/W)
X

EN343
3
1*
X

X 10

ALASKA3

5-in-1 waterproof parka with removable polar fleece for optimal protection in any weather
Materials : Canvas pongee - 100% polyester - PVC coating | Lining: Taffeta - 100% polyester | Fleece: Workwear jacket - 100% polyester | Fixed retractable hood | Seams : Waterproof | Waist : Cord adjustment | Removable jacket : Material : 100% fleece 300 g/m² polyester | Removable sleeves | High collar | Zip fastening | Elasticated hem Zip closure | Elasticated cuffs | 2 pockets | Number of pockets : 6

⊕ Waterproof clothing to stay dry in heavy rain

Navy blue-Royal blue
S → 3XL







Black-Grey
S → 3XL

CE

EN 14058
3
2
0,225 (K/W)
X

EN343
3
1*
X

X 10

TATRY2

Waterproof-breathable stretch parka combining lightness and moderate warmth with its 100% recycled fill
Materials : Canvas ripstop - 100% polyester - tpu-membrane, two-rolled-layers | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | Fixed hood | Seams : Waterproof | Inner wrist : Elastane | 420 g/m² | Number of pockets : 5

⊕ Waterproof and breathable WP 8000mm/MVP 800g/m²/24hr membrane

Black
S → 3XL





CE

EN 14058
4
2
0,223 (K/W)
X

X 10

MILTON2

Waterproof-breathable stretch parka with windproof mitt, combining freedom of movement and warmth
Materials : Canvas - 94% polyester 6% elastane - tpu-membrane, two-rolled-layers | Lining: Taffeta - 100% polyester | Removable by zip hood | Seams : Waterproof | Upper neck polar lining | Inner wrist : Elastane - Elastane thumb | 448 g/m² | Number of pockets : 6

⊕ Waterproof and breathable WP 8000mm/MVP 800g/m²/24hr membrane

Black
S → 3XL







Red
S → 3XL

Black
S → 3XL





EOLE2

5 X

CE

EN 14058
4
2
X

EN343
3
2
X

Waterproof-breathable 2-in-1 parka with removable hard-wearing softshell for optimal protection in all weather conditions
Materials : Canvas - 100% polyester - tpu-membrane, two-rolled-layers | Lining: Taffeta - 100% polyester | Fixed hood | Seams : Waterproof | Removable acket : Material : 2-layer laminated softshell 92% polyester 8% elastane Ripstop - 100% polyester fleece - 320 g/m² | High collar | Zip fastening | Sleeve cuffs : Bias | Number of pockets : 7

⊕ Waterproof and breathable WP 8000mm /MVP 3000g/m²/24hr membrane
⊕ 3-in-1 garment to adapt to changing temperatures

Navy blue
S → 3XL





ISOLA2

10 X

CE

EN343
3
1*
X

5-in-1 waterproof parka for a balance between style, comfort and thermal insulation suitable for all budgets
Materials : Canvas pongee - 100% polyester - PVC coating | Lining: Taffeta - 100% polyester | Fixed retractable hood | Seams : Waterproof | Waist : Cord adjustment | Removable jacket: Material: Taffeta 100% polyester - Lining: 100% cotton flannel - Padding: 100% polyester fibres 100% polyester | Removable sleeves | Closing by Waist : Cord adjustment | Removable jacket: Material: Taffeta press studs | Number of pockets : 7

⊕ Waterproof clothing to stay dry in heavy rain



Black
S → 3XL

Navy blue
S → 3XL





HELSINKI2

10 X

CE

EN342
0,273 m² K/W (B)
2
X

Waterproof parka with ribbed inner cuffs for optimum protection from the cold down to -30°C, both indoors and outdoors
Materials : Canvas - 100% polyester - PVC coating | Lining: Fleece - 100% polyester | Removable by zip hood | Seams : Waterproof | Upper neck polar lining | Waist : Cord adjustment | Inner wrist : Ribbed cuff | 590 g/m² | Number of pockets : 4

⊕ Waterproof fabric to stay dry in medium rain



Navy blue-Royal blue
S → 3XL

CE

EN 14058
4
3
0,194m² (K/W)
X

EN343
3
1*
X

X 0

OCALA

A jacket with a dynamic cut combined with a mix of structured and smooth fabrics offers the perfect balance between style, comfort, and functionality
Materials : Canvas ripstop - 100% polyester - pu-membrane, 230 g/m² | Canvas oxford - 100% recycled polyester - pu-membrane, 200 g/m² | Lining - 100% recycled polyester | Padding - 100% recycled polyester - 140 g/m2 | Fixed retractable hood | Seams : Waterproof | Upper neck polar lining | 420 g/m² | Number of pockets : 3

⊕ Waterproof and breathable WP 10000mm / MVP 3000g/m²/24hr membrane
⊕ Ripstop fabric to prevent tearing

Dark grey - Black
S → 3XL





CE

EN 14058
4
2
0,217 (K/W)
X

X 10

LUTON

Hybrid jacket: quilted body for extra warmth and softshell sleeves for greater freedom of movement
Materials : Canvas pongee - 100% recycled polyester - tpu-membrane, two-rolled-layers | Softshell - 94% recycled polyester 6% elastane - tpu-membrane, three-rolled-layers | Lining: Taffeta - 100% recycled polyester | Fixed hood | 453 g/m² | Number of pockets : 3

⊕ Windproof for protection against the cold
⊕ Water-repellent fabric to keep you dry in light rain

Black
S → 3XL







CE

EN 14058
4
3
0,193 (K/W)
X

X 10

SOON

2-in-1 hybrid jacket : quilted body for added warmth, removable water-repellent softshell sleeves for greater freedom of movement
Materials : Canvas pongee - 100% recycled polyester | Softshell - 96% recycled polyester 4% elastane - two-rolled-layers | 290 g/m² | Number of pockets : 5

⊕ 2-layer complex for added lightness
⊕ Water-repellent fabric to keep you dry in light rain

Khaki-Black
S → 3XL





Navy blue-Black
S → 3XL



Dark grey - Black
S → 3XL



Navy blue-Orange
S → 3XL





MOOVE

10 X

Windproof jacket combining style and soft warmth with 100% recycled fill
Materials : Canvas ripstop - 100% polyamid - Polyurethane coating | Stitch - polyester - two-rolled-layers | Padding : 100% recycled polyester | Fixed hood | 293 g/m² | Number of pockets : 5

⊕ Ripstop fabric to prevent tearing


Grey-Orange
S → 3XL


Black-Camouflage
S → 3XL


Black-Red
S → 3XL

Grey
S → 3XL



MOTION

10 X

Windproof jacket combining style and soft warmth
Materials : Canvas - 100% polyester - Polyurethane coating | Softshell - 96% polyester 4% elastane - two-rolled-layers | Lining: Taffeta - 100% polyester | Polyester polar fleece | 280 g/m² | Fixed hood | Number of pockets : 5

⊕ Lightweight clothing for greater comfort


Grey-Black
S → 3XL


Black-Yellow
S → 3XL

Navy blue-Orange
S → 3XL



BLOOM

10 X

Jacket combining style and soft warmth with its 100% recycled fill
Materials : Canvas ripstop - 100% polyamid - Polyurethane coating | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | Fixed hood | 293 g/m² | Number of pockets : 3

⊕ Ripstop fabric to prevent tearing

EN343
3
1*
X

X 10

FLEN

Waterproof stretch jacket combining lightness and soft warmth with its 100% recycled fill
Materials : Canvas - 100% polyester - tpu-membrane, two-rolled-layers | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | Fixed retractable hood | Seams : Waterproof | 320 g/m² | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm/MVP 800g/m²/24hr membrane

Grey-Black
S → 3XL







Navy blue-Black
S → 3XL

X 10

RANDERS2

Windproof and water-repellent 2-in-1 down jacket for light rain with removable sleeves for extra warmth
Materials : Canvas - 100% polyamid - Polyurethane coating | Lining: Taffeta - 100% polyester | Removable by snap fastener | 418 g/m² | Number of pockets : 5

⊕ PU coating for greater breathability

Navy blue-Black
S → 3XL





Grey-Black
S → 3XL



Black
S → 3XL

X 10

RENO2

Windproof, water-repellent 2-in-1 jacket with polar fleece lining and removable sleeves for perfect adaptation to the initial cold weather
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Fleece - 100% polyester | Upper neck polar lining | 449 g/m² | Number of pockets : 5

⊕ PU coating for greater breathability

Navy blue-Black
S → 3XL







Black
S → 3XL



Blue
S → 3XL



Grey-Black
S → 3XL



Khaki-Black
S → 3XL



Navy blue-Black
S → 3XL





Grey-Black
S → 3XL

NEWDELTA2

10 X

CE

EN 14058
4
1
0,224 (K/W)
X

Universal 2-in-1 windproof jacket with removable sleeves offering effective warmth with its 100% recycled fill
Materials : Canvas - 80% polyester 20% cotton | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | 375 g/m² | Number of pockets : 4

⊕ 100% recycled wadding for a more environmentally-friendly product



Green
S → 3XL

Navy blue
S → 3XL



LORCA

10 X

Windproof jacket combining style and soft warmth with 100% recycled fill
Materials : Twill - 60% cotton 40% polyester | Lining: Taffeta - 100% polyester | 288 g/m² | Number of pockets : 7

⊕ Lightweight clothing for greater comfort



Black
S → 3XL



KOPER

10 X

CE

Stone-washed jacket combining style and soft warmth
Materials : Canvas - 100% cotton | Lining: Fleece - 100% polyester | 450 g/m² | Number of pockets : 4

⊕ Fleece lining for soft warmth

CE

EN343
4
4
X

X 5

GRAFIZ

Lightweight, waterproof and windproof rain parka with breathable, anti-bacterial graphene membrane. HV pattern on sleeves
Materials : Canvas - 100% recycled polyester - graphene-pu-membrane | Removable by zip hood | Seams : Waterproof | Number of pockets : 4

⊕ Breathable, anti-bacterial Graphen membrane
⊕ Waterproof and breathable WP 10000mm / MVP 5000g/m²/24hr membrane

Navy blue
S → 3XL







Black
S → 3XL

X 10

LITE

Universal waterproof rain jacket ideal for deteriorating weather conditions
Materials : Canvas - 100% polyester - PVC coating | Lining: Taffeta - 100% polyester | Fixed retractable hood | Seams : Waterproof | 300 g/m² | Number of pockets : 5

⊕ Water-repellent fabric to keep you dry in light rain

Navy blue-Orange
S → 3XL





Black
S → 3XL



Grey-Green
S → 3XL



Grey-Orange
S → 3XL





Yellow
S → 3XL



Navy blue
S → 3XL

Green
S → 3XL



900VES

10 X

Waterproof rain jacket with PU coating on reinforced fabric for durability and breathability in deteriorating weather conditions
Materials : Support - 100% polyester - PU exterior, 190 g/m² | Fixed hood | Seams : Thermo-welded | Inner wrist : Elastic | Number of pockets : 2

⊕ PU coating for greater breathability

EN343
3
1*
X



Yellow
S → 3XL



Navy blue
S → 3XL

Green
S → 3XL



900PAN

10 X

Waterproof and breathable rain trousers with PU coating on reinforced fabric for durability and breathability in deteriorating weather conditions
Materials : Support - 100% polyester - PU exterior, 190 g/m² | Seams : Thermo-welded | Waist : Elasticated waist | 190 g/m² | Number of pockets : 2

⊕ PU coating for greater breathability

EN343
3
1*
X



Yellow
S → 3XL



Green
S → 3XL

Navy blue
S → 3XL



850VES

10 X

Waterproof and breathable rain vest with PVC/PU coating on reinforced fabric for durability in deteriorating weather conditions
Materials : Support - 100% polyester - 270 g/m², Exterior PVC/PU coating | Fixed hood | Seams : Thermo-welded | Inner wrist : Elastic | Number of pockets : 2

⊕ Waterproof clothing to stay dry in heavy rain

EN343
3
1*
X



Yellow
S → 3XL



Green
S → 3XL

Navy blue
S → 3XL



850PAN

10 X

Waterproof and breathable rain trousers with PVC/PU coating on reinforced fabric for durability in deteriorating weather conditions
Materials : Support - 100% polyester - 270 g/m², Exterior PVC/PU coating | Seams : Thermo-welded | Waist : Elasticated waist | 270 g/m²

⊕ Waterproof clothing to stay dry in heavy rain

EN343
3
1*
X

CE

EN343
3
1*
X

X 20

400

Waterproof rain suit coated on reinforced fabric for greater durability in deteriorating weather conditions
Materials : Canvas - 100% polyester - PVC coating | Fixed hood | Seams : Waterproof | Waist : Elasticated waist | Number of pockets : 4

⊕ Waterproof clothing to stay dry in heavy rain



Yellow
M → 2XL



Green
M → 2XL



Navy blue
M → 2XL

CE

EN343
3
1*
X

X 10

304

Universal coated indoor/outdoor rain gear for deteriorating weather conditions
Materials : 100% polyester - Double-sided PVC coating | Fixed hood | Seams : Thermo-welded | Waist : Elasticated waist | Inner wrist : Elastic | Number of pockets : 3

⊕ Waterproof clothing to stay dry in heavy rain



Yellow
M → 2XL



Green
M → 2XL

CE

EN343
3
1*
X

X 20

MA400

Waterproof raincoat with coating on reinforced fabric for durability and breathability in deteriorating weather conditions
Materials : Canvas - 100% polyester - PVC coating | Fixed hood | Seams : Waterproof | Inner wrist : Elastic | Number of pockets : 2

⊕ Waterproof clothing to stay dry in heavy rain



Yellow
M → 2XL



Green
M → 2XL

CE

EN343
3
1*
X

X 10

305

Universal waterproof raincoat with inside/outside coating for deteriorating weather conditions
Materials : 100% polyester - Double-sided PVC coating | Fixed hood | Seams : Thermo-welded | Inner wrist : Elastic | Number of pockets : 2

⊕ Waterproof clothing to stay dry in heavy rain



Yellow
M → 3XL



Green
M → 3XL

Navy blue



NORDIC

120 X

Warm cap with earmuffs to protect you from the cold
Materials : Canvas - 100% polyamid - 430 g/m² | Fur - 100% acrylic



Black

Navy blue



KARA

120 X

Polar fleece cap to protect you from the cold
Materials : Fleece - 100% polyester - 260 g/m²

Thinsulate



Black

Grey



LENA

240 X

Urban style cap to protect you from the cold
Materials : Stitch - 100% acrylic - 260 g/m²

X 240

JURA

Cap to protect you from the cold
Materials : Stitch - 100% acrylic - 320 g/m²

Navy blue





Fluorescent orange | Black | Fluorescent yellow | Grey

X 120

CHAMONIX

Polar fleece neck guard to protect you from the cold
Materials : Fleece - 100% polyester - 260 g/m²

Navy blue



X 20

HA208

Comfortable design choker to keep you warm when working outdoors
Materials : 100% recycled polyester

Grey-Yellow



X 120

NEVE

Polar fleece gloves to protect you from the cold

Navy blue





Black



HIGH VISIBILITY

		CE General requirements	HV		LV	Rain	Cold	Costs
		EN ISO 13688	EN ISO 20471 Cl1, Cl2, Cl3	EN EN14404	EN 17353 A, B, AB	EN 343	EN 342	EN 14058
Bermuda	M1BE2HV	●	Cl 1					
Bombers	FLENHV, RENOHV (2 IN 1)	●	Cl 3			●		
	FREEWAYHV (2 IN 1),	●	Cl 2					
	LUTONHV							●
	DOONHV	●	Cl 3					
Down jacket	FIDJIHV, FIDJI3HV (REVERSIBIL)	●	Cl 2					●
Vests	GILP2, GILP4, GILPOCK, GILPOCKOR	●	Cl 2					
	900PANHV, FARGOHV	●	Cl 1			●		
Trousers	M2PA3STRLVS	●		●	●			
	M1PA2HV	●	Cl 1	●				
	M1PA2HV, M2PA3STRHV, M2PA3STRHVS	●	Cl 2	●	●			
	M1SA2HV	●	Cl 2	●	●			
Dungarees	OPTIMUM3 (5 IN 1)	●	Cl 3			●	●	●
Parkas	STRADA2	●	Cl 3			●		
	GRAFIZHV	●	Cl 2			●		
	ARENHV, EASYVIEW, SPEED (5 IN 1), TRACK (5 IN 1 CU FAST)	●	Cl 3			●		
Polars, Sweats	VISTA, CESTA	●	Cl 2					
	ASTRAL	●	Cl 3					
	MARMOTHV	●	Cl 2					
	SHERPAHV	●	Cl 1					●
	FAST (5 IN 1 CU TRACK), LULEA2HV, SOCCIAHV	●	Cl 2					
Softshell	LEGA, MOONLIGHT2 (2 IN 1)	●	Cl 3					
	COMET, NOVA, OFFSHORE	●	Cl 2					
T-shirts, Polos	COSMOS	●	Cl 3					
Jackets	SAKOYA	●			●	●		
	900VESHV	●	Cl 3			●		
	M2VE3STRHV, M1VE2HV	●	Cl 2					

COLD STORAGE

		CE General requirements	Cold	Warm
		EN ISO 13688	EN 342	* / ** / ***
Overalls	IGLOO2	●	●	***
Trousers	AUSTRAL2, ICEBERG	●	●	***
Parkas	LAPONIE2, NORDLAND	●	●	***



HEAT RESISTANT, ANTISTATIC, ELECTRIC ARC

		CE General requirements EN ISO 13688	High visibility EN ISO 20471	Heat & Flame EN ISO 11612	Flamme EN ISO 14116	Soudure EN ISO 11611	Arc électrique EN 61482-2	Antistatic EN 1149-5	Chemicals Splashes EN 13034	Rain EN 343	Knees protection EN 14404
Accessoires	CAGFR2	●		●			●	●			
	MAIMA2	●		●		●	●	●			
Overall	MAICO2	●		●		●	●	●			●
Trousers	MAIPA2	●		●		●	●	●			●
Parkas	MAICA2	●		●		●	●	●			
	KOMODO2 HV (2 EN 1)	●	●		●			●	●	●	
Underwear	SSVFR2	●		●			●	●			
Sweat	SWEFR2	●		●			●	●			
T-shirt, Polo	POLFR2	●		●			●	●			
Jacket	MAIVE2	●		●		●	●	●			

CHEMICAL

		CE General requirements EN ISO 13688	Flame EN ISO 14116	Antistatic EN 1149-5	Chemical splashes EN 13034	Liquid chemicals EN 14605	Chimique Particules solides EN ISO 13982-1	Contamination radioactive EN 1073-2	Agents infectieux EN 14126
Accessories	HO600	●				●			
	DT301Y	●		●	●	●			●
	DT302Y	●		●	●	●			●
Overalls	CO600	●				●			
	DT115	●		●	●		●		
	DT117	●		●	●		●	●	●
	DT119, DT300Y	●		●	●	●	●	●	●
	DT125,DT125Y, DT221Y	●		●	●		●	●	
	DT215	●			●		●		
	DT223Y	●	●	●	●		●	●	
	DT500	●		●	●		●	●	
Tablier	TO600	●							

WELDING

		CE Exigences générales EN ISO 13688	Soudure EN ISO 11611
Accessories	SUMGUE, SUMMAN	●	●
Trousers	SUMPAN	●	●
Aprons	SUMTAB	●	●
Jackets	SUMVES	●	●

APRONS, COATS

		CE General requirements EN ISO 13688
Coats	BLOUSPO	
	PO106, PO109	●
Aprons	TABALPV, TABLIVE	
	TABPO02	
	TABNIT	●
	TABPU	●





Fluorescent orange-Navy blue
S → 5XL

Fluorescent yellow-Navy blue
S → 5XL



OPTIMUM3

10 X

Waterproof and warm 5-in-1 parka with removable jacket, combining style and durability, for day and night visibility
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Taffeta - 100% polyester | Fixed retractable hood | Seams : Waterproof | Upper neck polar lining | Removable jacket : Removable sleeves | Material : 100% polyester PU coated Oxford canvas. 100% polyester 175 g/m² | Seams : Waterproof | Collar Fleece-lined stand-up collar | Number of pockets : 6

⊕ Fleece lining for intense warmth

CE

EN ISO 20471
Class 3
Class 3
Class 2

EN342
0,386 m² K/W (B)
2
X

EN343
3
1*
X





Fluorescent orange-Navy blue
S → 5XL

Fluorescent yellow-Navy blue
S → 5XL



SPEED

10 X

Warm and durable 5-in-1 waterproof parka with removable vest for day and night visibility
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Taffeta - 100% polyester | Fixed retractable hood | Seams : Waterproof | Removable jacket : Removable sleeves | Material : 100% polyester PU-coated Oxford canvas | Lining : 100% polyester | Sleeves : 100% polyester fleece | Seams : waterproof | Fleecelined stand-up collar | Number of pockets : 6

⊕ Oxford fabric for better abrasion resistance

CE

EN ISO 20471
Class 3
Class 3
Class 2

EN343
3
1*
X





Fluorescent orange
S → 5XL

Fluorescent yellow
S → 5XL



ARENHV

10 X

Waterproof, warm and light stretch parka for day and night visibility
Materials : Canvas - 100% polyester - tpu-membrane, two-rolled-layers | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | Fixed retractable hood | Seams : Waterproof | 320 g/m² | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm/MVP 800g/m²/24hr membrane

CE

EN ISO 20471
Class 3
x25

EN343
3
1*
X

STRETCH

Global Recycled Standard

CE

EN ISO 20471
Class 3
x25

EN343
3
4
X

X 5

TRACK

Waterproof-breathable parka that can be combined with FAST for rain and warmth functions and day and night visibility
Materials : Canvas ripstop - 100% polyester - two-rolled-layers, pu-membrane | Lining: Taffeta - 100% polyester | Fixed retractable hood | Seams : Waterproof | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm / MVP 5000g/m²/24hr membrane

Fluorescent yellow-Grey
S → 5XL







Fluorescent orange-Grey
S → 5XL

CE

EN ISO 20471
Class 3
x25

EN343
3
1*
X

X 5

STRADA 2

Waterproof parka combining resistance and moderate warmth for day and night visibility with its 3M strips
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Taffeta - 100% polyester | Fixed retractable hood | Seams : Waterproof | Waist : Cord adjustment | Inner wrist : Ribbed cuff | 395 g/m² | Number of pockets : 3

⊕ PU coating for greater breathability

Fluorescent yellow-Navy blue
S → 3XL





Fluorescent orange-Navy blue
S → 3XL

CE

EN ISO 20471
Class 3
x25

EN343
3
1*
X

X 10

EASYVIEW

Universal waterproof parka, combining resistance and moderate warmth, for day and night visibility
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Taffeta - 100% polyester | Fixed retractable hood | Seams : Waterproof | Number of pockets : 3

⊕ Oxford fabric for better abrasion resistance

Fluorescent yellow-Navy blue
S → 3XL





Fluorescent orange-Navy blue
S → 3XL





Fluorescent yellow
S → 3XL



FLENHV

10 X

CE

EN ISO 20471
Class 3
x25

Stretch, waterproof, warm and light jacket for day and night visibility
Materials : Canvas - 100% polyester - tpu-membrane, two-rolled-layers | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | Fixed retractable hood | Seams : Waterproof | 320 g/m² | Number of pockets : 4

EN343
3
1*
X

⊕ Waterproof and breathable WP 8000mm/MVP 800g/m²/24hr membrane



Fluorescent orange
S → 3XL



Fluorescent yellow-Black
S → 3XL



LUTONHV

10 X

CE

EN ISO 20471
Class 2

Class 2 HV hybrid jacket with softshell sleeves and quilted body to keep you warm
Materials : Canvas - 100% recycled polyester - tpu-membrane | Softshell - 100% recycled polyester - tpu-membrane, three-rolled-layers | Lining: Taffeta - 100% recycled polyester | Fixed hood | 480 g/m² | Number of pockets : 3

EN 14058
3
2
0,208 (K/W)
X

⊕ Water-repellent fabric to keep you dry in light rain
⊕ EN ISO 20471 certified fabric after 25 washes



Fluorescent orange-Black
S → 3XL



Black-Yellow
S → 3XL



SAKOYA

10 X

CE

EN343
4
3
X

Windproof rain jacket, fleece lining for medium warmth, reflective and fluorescent inserts for better visibility
Materials : Twill - 100% recycled polyester - pu-membrane | Lining - 100% recycled polyester fleece | Fixed hood | Seams : Waterproof | 315 g/m² | Number of pockets : 5

EN 17353
Type AB3

⊕ Fleece lining for medium warmth
⊕ Stretch fabric for freedom of movement



Black-Orange
S → 3XL



CE

EN ISO 20471
Class 3
Class 2

EN343
3
1*
X

X 10

RENO HV

Windproof, water-repellent 2-in-1 jacket with polar fleece lining and removable sleeves for the first few cold days and day and night visibility
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Fleece - 100% polyester | Fixed retractable hood | Seams : Waterproof | Upper neck polar lining | 465 g/m² | Number of pockets : 4

⊕ Fleece lining for soft warmth
⊕ Oxford fabric for better abrasion resistance

Fluorescent yellow
S → 3XL







Fluorescent orange
S → 3XL

CE

EN ISO 20471
Class 2
x25

X 10

FREEWAY HV

2-in-1 jacket with warm removable sleeves for day and night visibility
Materials : Stitch - 100% polyester | Canvas - 65% polyester 35% cotton | Lining: Taffeta - 100% polyester | 345 g/m² | Number of pockets : 4

⊕ Lightweight clothing for greater comfort

Fluorescent yellow
M → 2XL





Fluorescent orange
M → 2XL

CE

EN ISO 20471
Class 3
x25

X 10

DOONHV

Down jacket combining resistance and soft warmth with its 100% recycled fill, for day and night visibility
Materials : Canvas ripstop - 100% polyester - Polyurethane coating, two-rolled-layers | Lining: Taffeta - 100% polyester | Padding : 100% recycled polyester | Fixed hood | Number of pockets : 2

⊕ Ripstop fabric to prevent tearing

Fluorescent yellow
S → 3XL







Fluorescent orange
S → 3XL







Fluorescent orange-Black
S → 3XL

Fluorescent yellow-Black
S → 3XL



GRAFIZHV

5 X

Class 2 HV parka, waterproof and windproof, breathable and anti-bacterial graphene membrane
Materials : Canvas - 100% recycled polyester - graphene-pu-membrane | Removable by zip hood | Seams : Waterproof | 140 g/m² | Number of pockets : 4

⊕ Breathable, anti-bacterial Graphen membrane
⊕ Waterproof and breathable WP 10000mm / MVP 5000g/m²/24hr membrane

CE

EN ISO 20471
Class 2
x25

EN343
3
4
X

ANSI ISEA 107:2020
Type R - Class 2



Fluorescent orange
S → 3XL

Fluorescent yellow
S → 3XL



900VESHV

10 X

Waterproof rain vest with PU coating on reinforced fabric for durability, breathability and day and night visibility
Materials : Support - 100% polyester - Polyurethane coating, 200 g/m² | Fixed hood | Seams : Thermo-welded | Inner wrist : Elastic | Number of pockets : 2

⊕ PU coating for greater breathability

CE

EN ISO 20471
Class 3

EN343
3
1*
X



Fluorescent orange
S → 3XL

Fluorescent yellow
S → 3XL



900PANHV

10 X

Waterproof rain trousers with PU coating on reinforced fabric for more durability, breathability, and day and night visibility
Materials : Support - 100% polyester - Polyurethane coating, 200 g/m² | Seams : Thermo-welded | Waist : Elasticated waist | Number of pockets : 2

⊕ PU coating for greater breathability

CE

EN ISO 20471
Class 1

EN343
3
1*
X



CE

EN ISO 20471
Class 2
Class 1
x50

X 5

FAST

2-in-1 stretch softshell with removable sleeves that can be combined with TRACK for rain and warmth functions and day and night visibility
Materials : Canvas ripstop - 100% polyester - tpu-membrane, three-rolled-layers | 100% polyester polar fleece | 290 g/m² | Removable by zip hood | Number of pockets : 3

⊕ Waterproof and breathable WP 8000mm /MVP 3000g/m²/24hr membrane

Fluorescent yellow-Grey
S → 5XL







Fluorescent orange-Grey
S → 5XL

CE

EN ISO 20471
Class 3
Class 2
x25

X 10

MOONLIGHT2

Windproof, water-repellent 2-in-1 stretch softshell with removable sleeves for day and night visibility and year-round use
Materials : Softshell - 100% polyester - tpu-membrane, three-rolled-layers | 100% Polyester fleece | 310 g/m² | Number of pockets : 5

⊕ Waterproof and breathable WP 8000mm / MVP 5000g/m²/24hr membrane

Fluorescent yellow-Grey
S → 3XL







Fluorescent orange-Grey
S → 3XL

CE

EN ISO 20471
Class 2
x25

ANSI ISEA 107:2020
Type P - Class 2

X 10

LULEA2HV

HV Classe 2 versatile, windprood and water-repellent softshell for light rain
Materials : Softshell - 96% polyester 4% elastane - two-rolled-layers | Polyester polar fleece | 280 g/m² | Upper neck polar lining | 280 g/m² | Number of pockets : 5

⊕ 4-way stretch for total freedom of movement
⊕ Water-repellent fabric to keep you dry in light rain

Fluorescent yellow-Navy blue
S → 3XL







Fluorescent orange-Navy blue
S → 3XL

CE

EN ISO 20471
Class 2
Class 1
x25

X 10

SOCCIAHV

Class 2 HV softshell, removable sleeves, segmented bands for good visibility in dangerous or low light environments
Materials : Softshell - 96% recycled polyester 4% recycled elastane - two-rolled-layers | Polyester polar fleece | 280 g/m² | 280 g/m² | Number of pockets : 6

⊕ 4-way stretch for total freedom of movement
⊕ Water-repellent fabric to keep you dry in light rain

Fluorescent yellow-Black
S → 3XL







Fluorescent orange-Black
S → 3XL



Fluorescent yellow-Black
S → 3XL



SHERPAHV

10 X

Ultra-soft class 1 HV jacket with sherpa lining offering enhanced warmth
Materials : Polar padded - 100% recycled polyester | 305 g/m² | Number of pockets : 3

⊕ Fleece lining for medium warmth
⊕ Anti-pilling treatment

CE

EN ISO 20471
Class 1
x25

EN 14058
1
1
0,204 (K/W)
X

ANSI ISEA 107:2020
Type O - Class 1



Fluorescent orange-Black
S → 3XL



Fluorescent yellow
S → 3XL



LEGA

10 X

Windproof, water-repellent stretch softshell for day and night visibility and year-round use
Materials : Softshell - 100% polyester - pu-membrane, three-rolled-layers | 100% polyester polar fleece | 300 g/m² | Number of pockets : 4

⊕ Waterproof and breathable WP 8000mm / MVP 5000g/m²/24hr membrane

CE

EN ISO 20471
Class 3



Fluorescent orange
S → 3XL



Fluorescent yellow-Navy blue
S → 3XL



MARMOTHV

10 X

Truck-driver sweater for day and night visibility
Materials : Stitch - 100% polyester 100% polyester - 380 g/m²

CE

EN ISO 20471
Class 2
x25

Fluorescent orange-Navy blue
S → 3XL

CE

EN ISO 20471
Class 2
x50

X 10

VISTA

Class 2 high-visibility fleece jacket offering an excellent thermal insulation for day and night visibility
Materials : 100% recycled polyester fleece | 280 g/m² | Number of pockets : 2

⊕ Certified EN ISO 20471 after 50 washes
⊕ Segmented tape for added visibility without constrictions

Fluorescent yellow-Navy blue
S → 3XL







Fluorescent orange-Navy blue
S → 3XL

CE

EN ISO 20471
Class 2
x25

X 10

CESTA

Bi-color Class 2 HV sweatshirt and scuba fabric offering a soft insulating feel that combines comfort and functionality.
Materials : 50% recycled polyester 50% sorona® | 240 g/m²

⊕ Segmented band for greater freedom of movement
⊕ Certified EN ISO 20471 after 25 washes

Fluorescent yellow-Navy blue
S → 3XL







Fluorescent orange-Navy blue
S → 3XL

CE

EN ISO 20471
Class 3

X 10

ASTRAL

Universal sweatshirt for day and night visibility
Materials : Fleece - 75% polyester 25% cotton - 280 g/m²

Fluorescent orange
S → 3XL





CE

EN ISO 20471
Class 1
x25

EN343
3
1*
X

X 10

FARGO HV

Waterproof trousers combining resistance and intermediate warmth, for day and night visibility
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Taffeta - 100% polyester | Seams : Waterproof | Waist : Elasticated sides | Preformed knees | 355 g/m² | Number of pockets : 4

⊕ PU coating for greater breathability

Fluorescent yellow-Navy blue
S → 3XL





Fluorescent orange-Navy blue
S → 3XL



Fluorescent orange
S → 5XL

Fluorescent yellow
S → 5XL



COSMOS

10 X

CE

EN ISO 20471 Class 3 x50

EN13758-2 UPF 50+

Long-sleeved T-shirt with UV protection for day and night visibility
Materials : Plain stitch - 100% polyester - 150 g/m²

⊕ UV50+ protection for protection against the sun's rays



Fluorescent orange
M → 2XL

Fluorescent yellow
M → 2XL



OFFSHORE

10 X

CE

EN ISO 20471 Class 2

Stylish, lightweight short-sleeve polo shirt for day and night visibility
Materials : Stitch - 100% polyester - 160 g/m²



Fluorescent orange
S → 3XL

Fluorescent yellow
S → 3XL



COMET

10 X

CE

EN ISO 20471 Class 2

Lightweight, stylish short-sleeve T-shirt for day and night visibility
Materials : Stitch - 100% polyester - 160 g/m²



Fluorescent orange
S → 3XL

Fluorescent yellow
S → 3XL



NOVA

10 X

CE

EN ISO 20471 Class 2 x25

Short-sleeved T-shirt, cotton lining, breathable, for day and night visibility
Materials : Stitch - 55% cotton 45% polyester 100% polyester - 150 g/m² | Mesh - 100% polyester

⊕ Breathable fabric for maximum moisture transfer

EN ISO 20471 Class 2 x25

X 10

FIDJI3HV

Reversible sleeveless bodywarmer combining durability and warmth with its 100% recycled fill, for day and night visibility
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Canvas ripstop - 100% polyamid - Polyurethane coating | Padding : 100% recycled polyester | 540 g/m² | Number of pockets : 5

⊕ Reversible garment with a safety side and a "classic" side for great modularity

Fluorescent orange-Navy blue
S → 5XL





EN ISO 20471 Class 2 x25

X 10

FIDJI HV

Reversible bodywarmer combining strength and reinforced warmth, for day and night visibility.
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Canvas - 100% polyester | Padding : 100% polyester | 505 g/m² | Number of pockets : 4

⊕ Thermal reinforcement protects the kidneys to limit air penetration

Fluorescent yellow-Navy blue
S → 2XL









Fluorescent yellow
L → 2XL



GILPOCK

100 X

Multi-pocket class 2 HV vest for good visibility in low-light conditions and hazardous environments
Materials : Stitch - 100% recycled polyester | Back yoke: Mesh - 100% recycled polyester | 125 g/m² | Number of pockets : 4

⊕ Mesh fabric for maximum moisture transfer
⊕ Certified EN ISO 20471 after 25 washes

EN ISO 20471
Class 2
x25

ANSI ISEA 107:2020
Type R - Class 2



Fluorescent orange
L → 2XL



Fluorescent orange
L, 2XL

Fluorescent yellow
L, 2XL



GILP4

100 X

Universal marking vest with reflective bands in shoulder belt assembly, for day and night visibility
Materials : Stitch - 100% polyester

⊕ Certified EN ISO 20471 after 25 washes

EN ISO 20471
Class 2
x25



Fluorescent orange
L, 2XL

Fluorescent yellow
L, 2XL



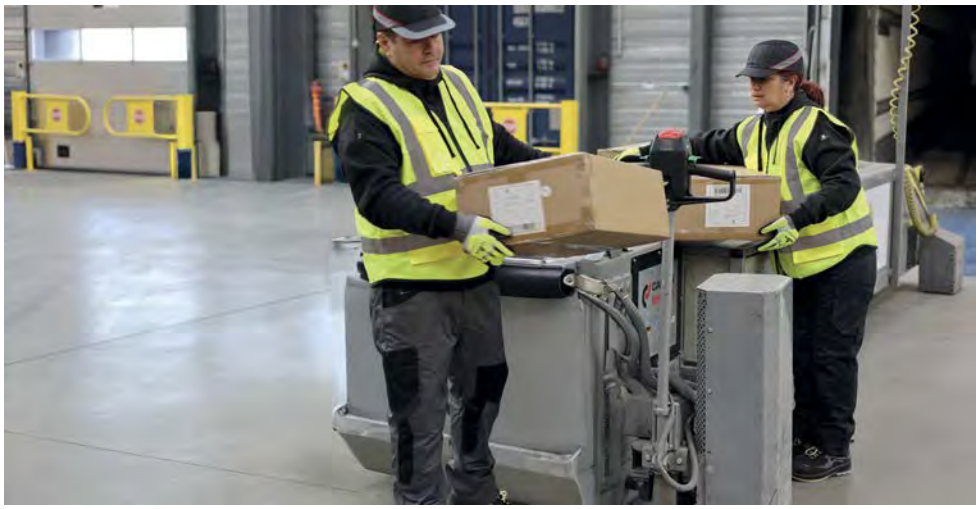
GILP2

100 X

Universal, high visibility vest with parallel retro-reflective band, for day and night visibility
Materials : Stitch - 100% polyester

⊕ Certified EN ISO 20471 after 25 washes

EN ISO 20471
Class 2
x25



EN ISO 20471 Class 2 x50

EN14404 Type 2 Level 1

X 10

M2PA3STRHVS

HV class 2 stretch multipocket pants, segmented strips for good visibility in dangerous or low light environments
Cut : Adjusted | Materials : Twill - 77% polyester 20% cotton 3% elastane | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 260 g/m² | Number of pockets : 8

⊕ Stretch fabric for freedom of movement
⊕ Triple stitching to reduce the risk of tearing

Fluorescent yellow-Black
S → 3XL







Fluorescent orange-Black
S → 3XL

EN ISO 20471 Class 2 x50

EN14404 Type 2 Level 1

X 0

M2PA3STRHV

HV class 2 stretch multi-pocket pants, segmented bands for good visibility in dangerous or low light environments
Cut : Adjusted | Materials : Twill - 77% polyester 20% cotton 3% elastane - 260 g/m² | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 260 g/m² | Number of pockets : 8

⊕ Stretch fabric for freedom of movement
⊕ Certified EN ISO 20471 after 50 washes

Fluorescent yellow-Navy blue
S → 3XL







Fluorescent orange-Navy blue
S → 3XL

EN 17353 Type B2

EN14404-3 Level 1

EN17353 Type B2

X 10

M2PA3STRLVS

Ajusted-fit stretch work trousers with segmented stripes for improved visibility in dark environments
Cut : Adjusted | Materials : Twill - 63% polyester 34% cotton 3% elastane | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | 260 g/m² | Number of pockets : 9

⊕ Triple stitching to reduce the risk of tearing
⊕ Retro-reflective strip for night-time visibility

Black
S → 3XL





EN ISO 20471 Class 2 x50

X 0

M2VE3STRHV

Class 2 HV stretch multipocket jacket, segmented strips for good visibility in dangerous or low light environments
Materials : Twill - 77% polyester 20% cotton 3% elastane - 260 g/m² | Number of pockets : 8

⊕ Stretch fabric for freedom of movement

Fluorescent orange-Navy blue
S → 3XL







Fluorescent yellow-Navy blue
S → 3XL



Fluorescent yellow-Navy blue
S → 3XL



M1PA2HVCL1

10 X

CE

EN ISO 20471
Class 1
x25

H.V. class 1 multi-pocket trousers, offering good visibility in low-light conditions and hazardous environments
Cut : Regular | Materials : Twill - 80% polyester 20% cotton - 240 g/m² | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | Number of pockets : 4

⊕ Certified EN ISO 20471 after 25 washes
⊕ Triple stitching to reduce the risk of tearing



Fluorescent orange-Navy blue
S → 3XL



Fluorescent yellow-Navy blue
S → 3XL



M1PA2HVCL2

10 X

CE

EN ISO 20471
Class 2
x25

EN14404
Type 2
Level 0

HV class 1 multi-pocket trousers, offering good visibility in low-light conditions and hazardous environments
Cut : Regular | Materials : Twill - 80% polyester 20% cotton - 240 g/m² | Seams : Triple seams | Waist : Elasticated sides | Preformed knees | Number of pockets : 6

⊕ Certified EN ISO 20471 after 25 washes
⊕ Triple stitching to reduce the risk of tearing



Fluorescent orange-Navy blue
S → 3XL



CE

EN ISO 20471
Class 1
x25

X 10

M1BE2HV

HV class 1 multipocket bermuda shorts, which offer good visibility in low light conditions and dangerous environments
Cut : Regular | Materials : Twill - 80% polyester 20% cotton - 240 g/m² | Seams : Triple seams | Waist : Elasticated sides | Number of pockets : 4

⊕ Certified EN ISO 20471 after 25 washes
⊕ Triple stitching to reduce the risk of tearing

Fluorescent yellow-Navy blue
S → 3XL





Fluorescent orange-Navy blue
S → 3XL

CE

EN ISO 20471
Class 2
x25

X 10

M1VE2HV

H.V. class 2 multi-pocket jacket, offering good visibility in low-light conditions and hazardous environments
Materials : Twill - 80% polyester 20% cotton - 240 g/m² | Number of pockets : 2

⊕ Certified EN ISO 20471 after 25 washes
⊕ Triple stitching to reduce the risk of tearing

Fluorescent yellow-Navy blue
S → 3XL







Fluorescent orange-Navy blue
S → 3XL

CE

EN ISO 20471
Class 2
x25

EN14404
Type 2
Level 0

X 10

M1SA2HV

HV class 2 multipocket overalls, which provide good visibility in low light conditions and dangerous environments
Cut : Loose | Materials : Twill - 80% polyester 20% cotton - 240 g/m² | Seams : Triple seams | Preformed knees | Number of pockets : 7

⊕ Lightweight clothing for greater comfort

Fluorescent yellow-Navy blue
S → 3XL







Grey
S → 3XL

Navy blue
S → 3XL



NORDLAND

5 X

Waterproof parka with polar fleece collar and windproof mitt, for optimum protection from the cold down to -40°C, both indoors and outdoors
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Taffeta - 100% polyester | Padding - 100% polyester - 320 g/m² | Removable by zip hood | Seams : Waterproof | Upper neck polar lining | Inner wrist : Elastane - Elastane thumb | 630 g/m² | Number of pockets : 9

⊕ Waterproof fabric to stay dry in medium rain

EN342
0,352 m² K/W (B)
3
X



Grey
S → 3XL

Navy blue
S → 3XL



ICEBERG

5 X

Waterproof dungarees with kidney protector for optimum protection from the cold down to -40°C, both indoors and outdoors
Materials : Canvas oxford - 100% polyester - Polyurethane coating | Lining: Taffeta - 100% polyester | Seams : Waterproof | Waist : Elasticated waist | Preformed knees | 630 g/m² | Number of pockets : 5

⊕ Waterproof fabric to stay dry in medium rain

EN342
0,352 m² K/W (B)
3
X



EN342
0,408 m² K/W (B)
2
X

X 5

LAPONIE2

3M Thinsulate™ polar fleece-lined parka with removable hood, for optimum protection from the cold down to -50°C, ideal for refrigeration workers
Materials : Twill - 85% polyester 15% cotton | Lining: Fleece - 100% polyester | Removable by zip hood | Upper neck polar lining | Waist : Cord adjustment | Inner wrist : Ribbed cuff | 575 g/m² | Number of pockets : 6

Navy blue
M → 2XL



EN342
0,408 m² K/W (B)
2
X

X 5

AUSTRAL2

3M Thinsulate™ fleece-lined dungarees, for optimum protection from the cold down to -50°C, ideal for refrigeration workers
Materials : Twill - 85% polyester 15% cotton | Lining: Taffeta - 100% polyester | Number of pockets : 4

Navy blue
M → 2XL



EN342
0,373 m² K/W (B)
2
X

X 5

IGLOO2

3M Thinsulate™ polar fleece-lined coveralls with hood, for optimum cold protection down to -45°C, ideal for refrigeration workers
Materials : Twill - 85% polyester 15% cotton | Lining: Fleece - 100% polyester | Fixed hood | Waist : Elastic back | Inner wrist : Ribbed cuff | 575 g/m² | Number of pockets : 6

Navy blue
M → 2XL



Black
S → 2XL



KOLDYTOP

10 X

Coolmax® underwear: breathable fiber that wicks moisture from perspiration to the surface, dries quickly and prevents the body from cooling down.
Materials : Stitch - 60% polyamid 35% coolmax 5% elastane | 230 g/m²

Black
S → 2XL



KOLDYPANTS

10 X

Coolmax® underwear: breathable fiber that wicks moisture from perspiration to the surface, dries quickly and prevents the body from cooling down.
Cut : Adjusted | Materials : Stitch - 60% polyamid 35% coolmax 5% elastane | 230 g/m²

Grey
S → 3XL





SNOWDYTOP

10 X

Long-sleeved top in Tencel™ and Merino wool with antibacterial properties: neutralizes odors, keeps the body warm and wicks away moisture
Materials : 65% tencel 28% merino 7% elastane | 180 g/m²

⊕ Merino wool is a soft, breathable fibre. It provides natural insulation from the cold and regulates body temperature by wicking away moisture.
⊕ Viscose Tencel™ to regulate temperature and wick moisture away from the body

Grey
S → 3XL





SNOWDYPANTS

10 X

Pants in Tencel™ and Merino wool with antibacterial properties: neutralizes odors, keeps the body warm and wicks away moisture
Materials : 65% tencel 28% merino 7% elastane | Waist : Elasticated waist | 180 g/m²

⊕ Merino wool is a soft, breathable fibre. It provides natural insulation from the cold and regulates body temperature by wicking away moisture.
⊕ Viscose Tencel™ to regulate temperature and wick moisture away from the body

X 10

COSYTOP

Second skin base layer made from a knit blend of polyamide and polypropylene, ensuring effective thermal regulation and enhanced breathability
Materials : Stitch - 60% polypropylene 37% recycled polyamide 3% elastane - 180 g/m²

REPREVE

⊕ Breathable fabric for maximum moisture transfer
⊕ Minimal stitching to avoid any risk of irritation

Dark grey
S → 2XL



X 10

COSYPANTS

Second skin base layer made from a knit blend of polyamide and polypropylene, ensuring effective thermal regulation and enhanced breathability
Materials : Stitch - 60% polypropylene 37% recycled polyamide 3% elastane - 180 g/m²

REPREVE

⊕ Breathable fabric for maximum moisture transfer
⊕ Minimal stitching to avoid any risk of irritation

Dark grey
S → 2XL





Navy blue
S → 4XL



MAIPA2

5 X

Multi-risk work trousers ideal for electricians, welders and people with access to ATEX zones.
Cut : Regular | Materials : Twill - 99% cotton 1% antistatic fiber - 320 g/m² | Waist : Elasticated sides | Preformed knees | 320 g/m² | Number of pockets : 6

⊕ Laboratory-tested garment for optimum performance in up to 50 washes at 60°C

CE

EN61482-2
ELIM: 5,4 cal/cm²
ATPV: 7,7 cal/cm²
APC 1

EN ISO 11611
Class 1 - A1+A2

EN ISO 11612
A1 A2 B1 C1 E3 F1

EN1149-5

EN14404
Type 2
Level 0

Navy blue
S → 4XL



MAIVE2

5 X

Multi-risk work jacket ideal for electricians, welders and people with access to ATEX zones
Materials : Twill - 99% cotton 1% antistatic fiber - 320 g/m² | Number of pockets : 3

⊕ Laboratory-tested garment for optimum performance in up to 50 washes at 60°C

CE

EN61482-2
ELIM: 5,4 cal/cm²
ATPV: 7,7 cal/cm²
APC 1

EN ISO 11611
Class 1 - A1+A2

EN ISO 11612
A1 A2 B1 C1 E3 F1

EN1149-5

Navy blue
S → 4XL



MAICO2

5 X

Multi-risk overalls suitable for electricians, welders and access to ATEX zones
Cut : Regular | Materials : Twill - 99% cotton 1% antistatic fiber - 320 g/m² | Waist : Elasticated sides - Elastic back | Number of pockets : 5

⊕ Laboratory-tested garment for optimum performance in up to 50 washes at 60°C

CE

EN61482-2
ELIM: 5,4 cal/cm²
ATPV: 7,7 cal/cm²
APC 1

EN ISO 11611
Class 1 - A1+A2

EN ISO 11612
A1 A2 B1 C1 E3 F1

EN1149-5

EN14404
Type 2
Level 0

CE

EN61482-2
ELIM: 15 cal/cm²
ATPV: 16 cal/cm²
APC 1

EN ISO 11612
A1 A2 B1 C1 F1

EN1149-5

X 10

SWEFR2

Multi-risk sweat-shirt suitable for electricians and access to ATEX zones
Materials : Plain stitch - 60% modacrylic 39% cotton 1% antistatic fiber - 300 g/m²

⊕ Multi-risk marking for easy identification in high-risk areas

Navy blue
S → 4XL



CE

EN61482-2
ELIM: 5,2 cal/cm²
ATPV: 6,9 cal/cm²
APC 1

EN ISO 11612
A1 A2 B1 C1 F1

EN1149-5

X 10

POLFR2

Multi-risk polo t-shirt suitable for electricians and access to ATEX zones
Materials : Pique stitch - 60% modacrylic 39% cotton 1% antistatic fiber | 210 g/m²

⊕ Multi-risk marking for easy identification in high-risk areas

Navy blue
S → 4XL



CE

EN61482-2
ELIM: 5,4 cal/cm²
APC 1

EN ISO 11612
A1 A2 B1 C1 F1

EN1149-5

X 10

SSVFR2

Multi-risk undergarment set, suitable for electricians and access to ATEX zones
Materials : Pique stitch - 60% modacrylic 39% cotton 1% antistatic fiber - 200 g/m²

Navy blue
S → 4XL



CE

EN ISO 20471
Class 2

EN13034
Type 6

EN1149-5

EN343
3
3
X

EN14116

X 5

KOMODO2HV

High-visibility, waterproof, multi-risk parka, suitable for access to ATEX zones
Materials : Canvas - 98% polyester 2% antistatic fiber - Polyurethane coating | Lining: Fleece - 100% polyester | Removable by zip hood | Seams : Waterproof | Upper neck polar lining | Number of pockets : 3

⊕ PU coating for greater breathability

Fluorescent yellow-Navy blue
S → 4XL



Navy blue



CAGFR2

120 X

Multi-risk balaclava suitable for electricians and access to ATEX zones
Materials : Plain stitch - 60% modacrylic 39% cotton 1% antistatic fiber - 200 g/m²

CE

EN ISO 11612
A1 A2 B1 C1 F1

EN61482-2
APC 1

EN1149-5

Navy blue



MAIMA2

50 X

Multi-risk sleeve suitable for electricians, welders and access to ATEX zones
Materials : Twill - 99% cotton 1% antistatic fiber - 320 g/m²

CE

EN61482-2
ELIM: 5,4 cal/cm²
ATPV: 7,7 cal/cm²
APC 1

EN ISO 11611
Class 1 - A1+A2

EN ISO 11612
A1 A2 B1 C1 E3 F1

EN1149-5

⊕ Laboratory-tested garment for optimum performance in up to 50 washes at 60°C

Navy blue



MAICA2

50 X

Multi-risk balaclava suitable for electricians, welders and access to ATEX zones
Materials : Twill - 99% cotton 1% antistatic fiber - 320 g/m²

CE

EN61482-2
ELIM: 5,4 cal/cm²
ATPV: 7,7 cal/cm²
APC 1

EN ISO 11611
Class 1 - A1+A2

EN ISO 11612
A1 A2 B1 C1 E3 F1

EN1149-5

⊕ Laboratory-tested garment for optimum performance in up to 50 washes at 60°C

EN ISO 11611 Class 2 - A1+A2

X 10

SUMVES

Leather work jacket for use by a class 2 welder
Materials : 100% leather

Grey
M → 3XL



EN ISO 11611 Class 2 - A1+A2

X 10

SUMPAN

Leather work pants for class 2 welding applications
Materials : 100% leather | Number of pockets : 2

Grey
M → 3XL



EN ISO 11611 Class 2 - A1+A2

X 50

SUMTAB

Soft leather apron offering excellent protection against molten metal splashes.
Materials : 100% leather

Grey



EN ISO 11611 Class 2 - A1+A2

X 50

SUMGUE

Pair of leather safety guards for use by a class 2 welder
Materials : 100% leather

Grey



EN ISO 11611 Class 2 - A1+A2

X 50

SUMMAN

Leather cuff for use by a class 2 welder
Materials : 100% leather

Grey



White



TABALPV

50 X

Waterproof apron for use in the food industry
Materials : 100% pvc

Green



TABLIVE

50 X

Waterproof multi-purpose apron with interior/exterior coating for use in damp environments
Materials : 100% polyester - Double-sided PVC coating | Waist : Cord adjustment

White



TABNIT

50 X CE

Multi-purpose PVC/Nitrile apron
Materials : nitrile pvc | 500 g/m²

White



TABPU

25 X CE

PU apron for use in the food industry
Materials : 100% polyuréthane - 350 g/m² | 350 g/m²

CHOOSE THE RIGHT CHEMICAL PROTECTION

		TYPE 5/6						TYPE 5B/6B	TYPE 4B/5B/6B	TYPE 3B/4B/5B/6B		
		DT215	DT115/ DT115CV	DT125	DT223Y	DT221Y	DT500	DT117	DT119	DT300Y	DT301Y	DT302Y
												
MATERIAL		SMS	Microporous Material	SMS Microporous Material	SMMS	SMMS	PEHD	SMS Microporous Material	SMS Microporous Material	PE/PP	PE/PP	PE/PP
		50g/m²	60g/m²	60g/m²	60g/m²	60g/m²	45g/m²	63g/m²	63g/m²	82g/m²	62g/m²	82g/m²
CHEMICAL: SPLASHES **EN13034**		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CHEMICAL: SOLID PARTICLES **EN ISO 13982-1**		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ANTISTATIC **EN1149-5**			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RADIOACTIVE CONTAMINATION **EN 1073-2**				✓	✓	✓	✓	✓	✓	✓	✓	
INFECTIOUS AGENTS **EN 1426**								✓	✓	✓	✓	✓
CHEMICAL: LIQUID PRODUCTS **EN 14605**									✓	✓	✓	✓
FLAME PROTECTION **EN 14116**					✓							

STANDARDS

EN14605
● TYPE 3

Protective clothing against liquid chemicals (sprays).

EN14605
● TYPE 4

Protective clothing against liquid chemicals (mists).

EN ISO 13982-1
● TYPE 5

Protective clothing for use against solid particles (dust - asbestos).

EN13034
● TYPE 6

Protective clothing against liquid chemicals (splashes).

EN14126
● TYPE 3(B)
● TYPE 4(B)

Protective clothing against infective agents.

EN1149-5

Protective clothing to dissipate static electricity.

EN ISO 14116

Protective clothing against flame.

EN ISO 27065

Protective clothing against pesticides



MATERIALS

POLYETHYLENE (PE)

Is a flexible plastic fibre which provides good chemical resistances.

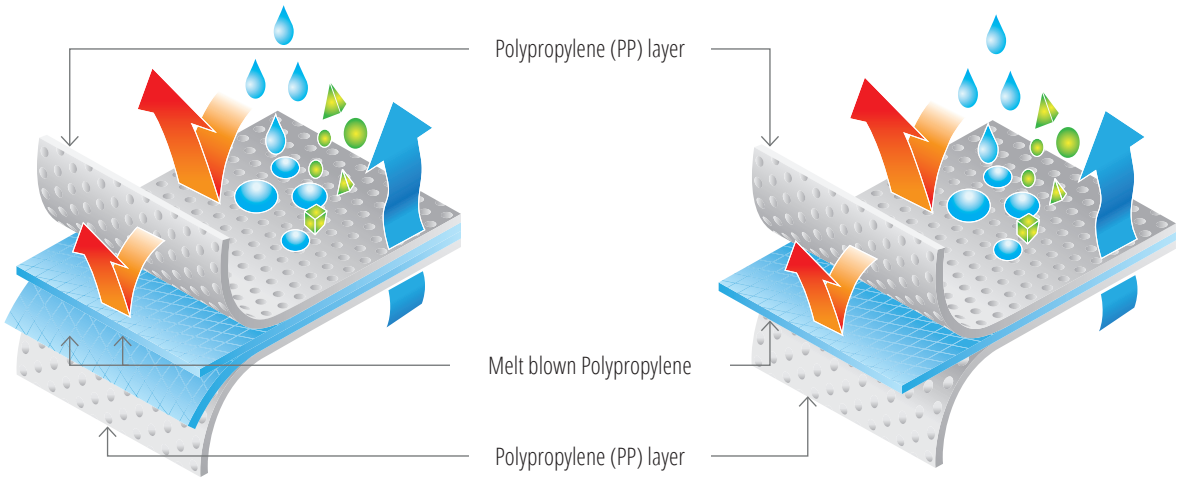
POLYPROPYLENE (PP)

Is a nonwoven breathable fibre which provides excellent comfort.

SMS/SMMS
POLYPROPYLENE - MELT BLOWN POLYPROPYLENE - POLYPROPYLENE - DT2XX / HIGH-DENSITY POLYPROPYLENE DT5XX

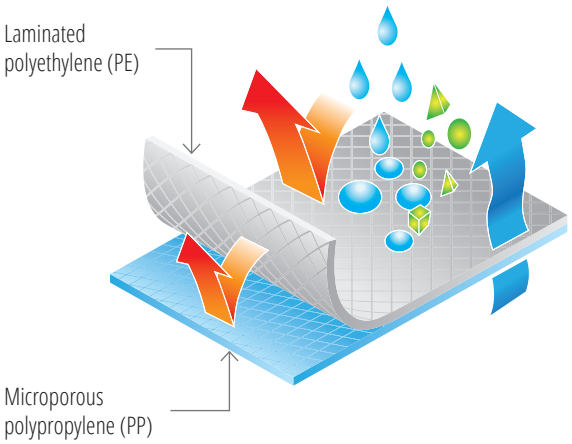
The combination of the three polypropylene (PP) layers provides exceptional protection and provides a breathable non-woven material.

The melt blown is incorporated with warm air to form a chemical barrier. The other two layers make the combination flexible and breathable.



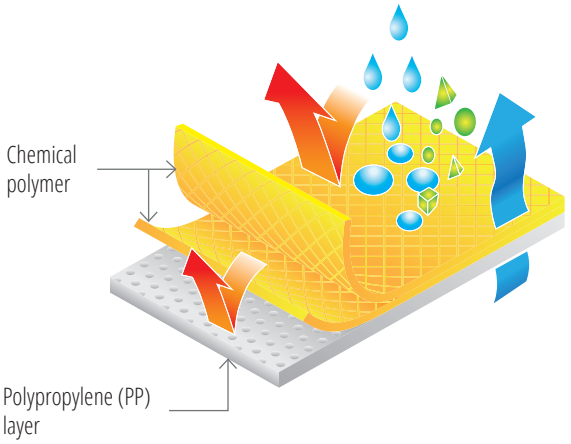
LAMINATED MICROPOROUS MATERIAL - DT1XX

The combination of a polypropylene (PP) layer and a Polyethylene layer (PE) ensures outstanding properties and excellent protection against most chemical products and particles. The non-woven material is very resistant and lint free.



DELTACHEM POLYPROPYLENE + CHEMICAL BARRIER - DT3XX

The combination of several high performance polymer layers (chemical barrier) combines with several polypropylene (PP) layers, which provides exceptional breathable protection. The polypropylene (PP) with the chemical barrier ensure flexible and comfort in extreme conditions.



EN14605
Type 3

X 10

CO600

Overalls for type 3 chemical protection
Materials : Support - 100% polyester - Double-sided PVC coating | Fixed hood | Seams : Thermo-welded | 380 g/m²

Green
S → 3XL



EN14605
Type 4B

X 1

HO600

Balaclava for chemical protection type PB4
Materials : Support - 100% polyester - Double-sided PVC coating | Seams : Thermo-welded | 380 g/m²

Green





White
S → 3XL





DT500

20 X

Antistatic chemical protective coverall, Type 5-6, exceptionally lightweight and comfortable
Materials : 100% high density polyethylene | Waist : Elastic back | Inner wrist : Elastane thumb | Zipper fastening, flap and scratch fastening | Elastic : Ankle - Over the face - Wrist - Waist | 45 g/m²

CE

EN ISO 13982-1 Type 5

EN13034 Type 6

EN 1073-2

EN1149-5

⊕ Lightweight clothing for greater comfort
⊕ Breathable fabric for maximum moisture transfer

Yellow
M → 2XL



DT300Y

20 X

Disposable anti-static chemical protective coverall. 3B, 4B, 5B, 6B type. Waterproof coverall, offering good support and comfort
Materials : 50% polypropylene 50% polyethylene | Seams : Waterproof | Waist : Elastic back | Inner wrist : Elastane thumb | Zipper fastening double flap and scratch fastening | Elastic : Ankle - Over the face - Wrist - Waist | 82 g/m²

CE

EN14605 Type 3B Type 4B

EN ISO 13982-1 Type 5B

EN13034 Type 6B

EN14126

EN 1073-2

White
M → 2XL



DT119

20 X

Type 4, disposable, anti-static, spray-resistant chemical protective coveralls offering a good fit and enhanced protection
Materials : sms rolled microporous | Fixed hood | Seams : Waterproof | Waist : Elastic back | Elastic : Ankle - Over the face - Wrist - Waist | 63 g/m²

CE

EN14605 Type 4

EN ISO 13982-1 Type 5

EN13034 Type 6

EN14126

EN 1073-2



CE
EN ISO 13982-1 Type 5B
EN13034 Type 6B
EN14126
EN 1073-2
EN1149-5

X 20

DT117

Type 5, disposable, anti-static, dry particle resistant chemical protective coveralls offering a good fit and enhanced protection
Materials : sms rolled microporous | Fixed hood | Waist : Elastic back | Double zipper, flap and scratch fastening | Elastic : Ankle - Over the face - Wrist - Waist | 63 g/m²

White
M → 2XL



CE
EN ISO 13982-1 Type 5
EN13034 Type 6
EN 1073-2
EN1149-5

X 50

DT125Y

Type 5 anti-static, disposable, dry particle resistant chemical protective coveralls with good fit and enhanced breathability
Materials : sms rolled microporous | Waist : Elastic back | Inner wrist : Elastane thumb | Zipper fastening, flap and scratch fastening | Elastic : Ankle - Over the face - Wrist - Waist | 65 g/m²

White-orange
M → 3XL





CE
EN ISO 13982-1 Type 5
EN13034 Type 6
EN 1073-2
EN1149-5

X 50

DT125

Type 5 anti-static, disposable, dry particle resistant chemical protective coveralls with good fit and enhanced breathability
Materials : sms rolled microporous | Fixed hood | Waist : Elastic back | Inner wrist : Elastane thumb | Zipper fastening, flap and scratch fastening | Elastic : Ankle - Over the face - Wrist - Waist | 60 g/m²

White-orange
M → 3XL





CE
EN ISO 13982-1 Type 5
EN13034 Type 6
EN 1073-2
EN1149-5

X 20

DT221Y

Type 5, disposable, highly breathable dry particle resistant chemical protective coveralls
Materials : smms 100% polypropylene | Waist : Elastic back | Elastic : Ankle - Over the face - Wrist - Waist | 62 g/m²

White
M → 3XL



White
M → 3XL



DT223Y

20 X

CE

EN ISO 13982-1 Type 5

EN13034 Type 6

EN 1073-2

EN1149-5

EN14116 Indice 1

Type 5, disposable, flame resistant, highly breathable dry particle resistant chemical protective coveralls
Materials : smms 100% polypropylene | Waist : Elastic back | Zipper fastening, flap and scratch fastening | Elastic : Ankle - Over the face - Wrist - Waist | 62 g/m²

⊕ Flame-retardant material to limit the spread of flame

White
M → 2XL



DT215

50 X

CE

EN ISO 13982-1 Type 5

EN13034 Type 6

Type 5 disposable, dry particle resistant chemical protective coveralls with enhanced breathability
Materials : sms 100% polypropylene | Fixed hood | Waist : Elastic back | Zipper fastening, flap and scratch fastening | Elastic : Ankle - Over the face - Wrist - Waist | 50 g/m²

White
M → 2XL



DT115

50 X

CE

EN ISO 13982-1 Type 5

EN13034 Type 6

EN1149-5

Type 5 disposable, anti-static, dry particle resistant chemical protective coveralls with enhanced breathability
Materials : rolled microporous | Fixed hood | Waist : Elastic back | Zipper fastening, flap and scratch fastening | Elastic : Ankle - Over the face - Wrist - Waist | 60 g/m²

CE

X 50

PO106

Coveralls with elasticated ends for short use, ideal for use in the food industry
Materials : 100% polypropylene | Fixed hood | Zipper fastening | Elastic : Ankle - Over the face - Wrist - Waist | 30 g/m²

White
M → 2XL



CE

X 50

PO109

Coveralls with elasticated cuffs for short use
Materials : 100% polypropylene | Fixed hood | Waist : Elasticated waist | Zipper fastening | Elastic : Ankle - Over the face - Wrist - Waist | 30 g/m²

Blue
L → 2XL



X 50

BLOUSPO

Disposable blouse offering comfort and breathability, ideal for food processing environment
Materials : 100% polypropylene | Snap fastener

White
M → 2XL



X 10

TABPO02

Disposable aprons sold in packs of 100 pieces
Materials : 100% polyethylene

White



White

Blue



PO110

10 X

Round cap with elasticated edge sold in packs of 100 pieces
Materials : 100% polypropylene | Elastic : Over the face | 10 g/m²

White



PO115

10 X

Chin/beard protector with elasticated edge sold in packs of 100 pieces
Materials : 100% polypropylene

Blue



MANCHBE

20 X

Protective sleeve sold in packs of 50 pairs, providing good support, ideal for the food environment
Materials : 100% polyethylene | Elastic : Wrist - Sleeve

Yellow



DT302Y

50 X

Disposable anti-static chemical protective cuff 3PB type waterproof with good support
Materials : 50% polypropylene 50% polyethylene | Seams : Waterproof | Elastic : Wrist - Sleeve | 62 g/m²

CE

EN13034
Type 6B

EN1149-5

EN14605
Type 3B
Type 4B

EN14126

EN14605 Type 3B Type 4B
EN13034 Type 6B
EN14126
EN1149-5
ASTM D3776

X 50

DT301Y

Yellow

Disposable anti-static chemical protective overboot 3PB type, waterproof coverall, offering good support and an anti-slip system
Materials : 50% polypropylene 50% polyethylene | Elastic : Ankle - Leg | 82 g/m²



X 5

DT111

White

Protective overboot sold in packs of 10 pairs, combining breathable material and elastic band for a snug fit
Materials : 70% polypropylene 30% polyethylene | Elastic | Elastic : Leg



X 5

SURCHPLUS

Blue-White

Protective overshoe sold in packs of 50 pairs offering a waterproof sole while combining breathability and foot support
Materials : 100% polypropylene 100% polyethylene | Elastic : Ankle



X 20

SURCHPE

Blue

Protective overshoe sold in packs of 50 pairs with elastic band for a snug fit
Materials : 100% polyethylene | Elastic : Ankle



X 10

SURCHPO

White

Protective overshoe sold in packs of 50 pairs, combining breathable material and elastic band for a snug fit
Materials : 100% polypropylene | Elastic : Ankle | 40 g/m²





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MARKING STANDARDS IN ISO 20345

Indoor



S1 S1P S1PL S1PS

As my working environment is sheltered and there is no risk of liquid splashes, I am looking for an **S1, S1P, S1PL or S1PS** model. Canvas or perforated microfibre versions will be perfect for providing maximum breathability.



S2 S6

As my indoor work in the food industry requires completely waterproof footwear – where high-pressure washing and damp floors are a daily occurrence – I'll opt for an **S2** or **S6** model. This guarantees my feet will stay dry: the **S2** has a water-repellent upper, whilst the **S6** offers a fully waterproof upper.

Outdoor



S3 S3L S3S

As my work takes place outdoors and/or exposes me to the risk of liquid splashes, I'm looking for an **S3, S3L or S3S** model. Versions made of leather, treated canvas or microfibre will be ideal for keeping me dry.



S7 S7L S7S

As my outdoor work requires completely waterproof footwear, I'll opt for an **S7, S7L or S7S** model. This guarantees that my feet will stay dry, even in the wettest conditions.

Class I: leather and textile upper

	SB	=	S	+		+		+		
S1		=	SB	+	E	+	A	+	CLOSED HEEL	
S1P		=	S1	+	P Ø=4,5 mm					
S1PL		=	S1	+	PL Ø=4,5 mm					
S1PS		=	S1	+	PS Ø=3 mm					
S2		=	S1	+	WPA					
S3		=	S2	+	P Ø=4,5 mm	+	SOLE WITH STUDS			
S3L		=	S2	+	PL Ø=4,5 mm	+	SOLE WITH STUDS			
S3S		=	S2	+	PS Ø=3 mm	+	SOLE WITH STUDS			
S6		=	S2	+	WR					
S7		=	S3	+	WR					
S7L		=	S3L	+	WR					
S7S		=	S3S	+	WR					

OUTSOLES

	ENVIRONMENT	MATERIAL	PROTECTION	MODEL	BENEFIT
 **PERFORMANCE**	SPORT Indoor Outdoor	Dual-density PU	Composite	CAMPIONE S1PS / MARATONA S1PS CIMA S1PS / ALPINO S3S ROSSI S3S / CALCIO S3S GIRO S3S / CICLO S3S CICLO-MC S3S / DONNA S3S	• Stabiliste Cushioning' technology" • Smooth-effect toe cap • Wear indicator
 **LIGHT WALKERS**	LIGHT INDUSTRY Indoor	Dual-density PU or Single-density PU	Composite or Steel	VIRAGE S1PS / VIAGI S1PS ASTI S1PS / ARONA S1P MIAMI2 S1P	• Improved lightness • Optimised flex for greater comfort
 **LIGHT INDUSTRY**	LIGHT INDUSTRY Indoor	Dual-density PU	Steel	COMO2 S1P / SUMMER2 S1P POSITANO S1P / PRESTO S1P	• Advanced slip resistance (SR) • Optimised flex for greater comfort
 **CLASSIC INDUSTRY**	OUTDOOR WORK Outdoor	Dual-density PU	Composite or Steel	CINTO S1PS / DENALI S1PS EIGER S3S / JAYA S3S FENNEC S1 / FENNEC4 S1P JET3 S1 / JET3 S1P JUMPER3 S1 / JUMPER3 S1P JUMPER3 S3 / JUMPER3 S3 FUR JUMPER3 S3 FUR HC / PHOCEA2 S3S PHOENIX2 S3S / RIMINI S1P TANGARA S1P	• Optimised grip zone • Improved fluid drainage
 **X LARGE INDUSTRY**	CONSTRUCTION AND PUBLIC WORKS Outdoor	Dual-density PU	Composite or Steel	SANTANA S3S / CALYPSO S3S MAESTRO S3S / CADEROUSSE S3 SAULT2 S3 / MONTBRUN S3 SAULT2 S3 ESD / LODI S3	• PANOFLEX® system (integrated flex zone) • Generous fit
 **VULCAIN**	CONSTRUCTION AND PUBLIC WORKS Outdoor	PU/Nitrile rubber	Composite	COLIMA S3S / ARENAL S3S	• Front protective toe cap (SC) • Heat-resistant outsole (HRO: Up to 300° for 60 seconds)
 **TREKWORK**	CONSTRUCTION AND PUBLIC WORKS Outdoor	PU/Nitrile rubber	Composite	TW302 S3S / TW402 S3S	• Optimised grip zone • Wide lugs for loose ground
 **WATERPROOF**	WATERPROOF Outdoor	Dual-density PU	Composite or Steel	NOMAD3 S7S / NIAGARA S7	• 100% waterproof Deltatex membrane • PU protective toe cap
 **SPORTWEAR**	SPORT Indoor Outdoor	Phylon / Rubber or PU / Nitrile rubber	Composite	DELTA SPORT S1PS / MANHATTAN S3S BROOKLYN S3S / SAGA S3S	• Effective cushioning • Improved abrasion resistance
 **EXECUTIVE**	Ladies and Gentlemen	Single-density PU	Composite	RICHMOND2 S1 / BRISTOL2 S3S	• Improved lightness • Non-magnetic
 **AGRO**	FOOD INDUSTRY Indoor	Dual-density PU	Steel	MAUBEC4 SBEA / ROBION4 S2	• Optimised slip resistance (SR)

STANDARDS

SPORT

S1PS

INDOOR WORK

MARATONA S1PS/CIMA S1PS 35→49



CAMPIONE S1PS 35→49



DELTA SPORT S1PS 36→47



S3S

OUTDOOR WORK

GIRO / CALCIO S3S 35→49



ROSSI / ALPINO S3S 35→49



CICLO / CICLO MC S3S 35→49



BROOKLYN S3S / MANHATTAN S3S 39→47



SAGA2 S3S 39→48



INDOOR

SB

FOOD INDUSTRY

MAUBEC4 SB 35→49



S1

LIGHT INDUSTRY

FENNEC4 S1 36→47



S1P

MIAMI S1P 35→48



MIAMI2 S1P 35→48



MIAMI2 S1P ESD 35→48



ARONA S1P 35→48



COMO2 S1P 35→48



SUMMER2 S1P 35→48



PRESTO S1P 36→47



POSITANO S1P



FENNEC4 S1P 36→47



RIMINI4 S1P 36→47



TANGARA S1P 36→47



S1PS

ASTI S1PS 36→48



VIRAGE S1PS 36→48



VIAGI S1PS ESD 36→48



CINTO S1PS / DENALI S1PS 36→48



S2

FOOD INDUSTRY

ROBION4 S2 35→48



MIAMI S2 35→48



S3

HEAVY INDUSTRIAL

COBRA4 S3 36→48



MIWA S3 36→47



OUTDOOR

S1

OUTDOOR WORK

JUMPER3 S1 36→47



JET3 S1 36→47



S1P

JUMPER3 S1P 36→47



JET3 S1P 36→47



S3

BUILDING AND PUBLIC WORKS

JUMPER3 S3 36→48



JET3 S3 36→47



MONTBRUN S3 39→48



SAULT2 S3 36→48



SAULT2 S3 ESD 36→48



GOBI S3 36→48



COLD ENVIRONMENTS

JUMPER3 S3 FUR HC 36→47



JUMPER3 S3 FUR 36→47



CADEROUSSE S3 36→47



LODI S3 39→48



S3S

BUILDING AND PUBLIC WORKS

ARENAL S3S/COLIMA S3S 38→48



TW302 S3S/TW402 S3S 39→48



MAESTRO S3S / SANTANA S3S 39→48



CALYPSO S3S 39→48



OUTDOOR WORK

PHOCEA2 S3S/PHOENIX2 S3S 36→48



EIGER S3S/JAYA S3S 36→48



S7

WATERPROOF

NIAGARA S7 39→48



S7S

NOMAD3 S7S 39→48



LADIES & GENTLEMEN

S1

RICHMOND2 S1 36→47



S1P

COMO2 S1P 35→42



S3

DONNA S3S 35→42



BRISTOL2 S3S 39→48



ADDITIONAL REQUIREMENTS

SR

All our models are SR (slip-resistant) certified

CI

PHOCEA2 / PHOENIX2



JUMPER3 FUR / JUMPER3 FUR HC



ARENAL / COLIMA



EIGER / JAYA



CINTO / DENALI



TW302 / TW402



CADEROUSSE



NOMAD3



LODI



NIAGARA



CICLO / CICLO MC



MARATONA / CIMA



ROSSI / ALPINO



GIRO / CALCIO



CAMPIONE



DONNA



CR

PHOENIX2



SANTANA



GOBI



CALYPSO



COLIMA



LODI



ALPINO



ESD

MIAMI2



VIAGI



SAULT2



MARATONA / CIMA



ROSSI / ALPINO



GIRO / CALCIO



CICLO / CICLO MC



CAMPIONE



DONNA



HI

COBRA4



NOMAD3



EIGER / JAYA



CINTO / DENALI



PHOCEA2 / PHOENIX2



TW302 / TW402



ARENAL / COLIMA



HRO

COBRA4



ARENAL / COLIMA

TW302 / TW402

BROOKLYN / MANHATTAN

DELTA SPORT

LG

ARENAL / COLIMA

M

MIWA

SC

ARENAL / COLIMA

LODI

WR

NOMAD3

NIAGARA

WG

COBRA4

: Indoor : Outdoor : Sport

CE

EN ISO 20345:2022
S1PS CI FO A E ESD SR

X 5

MARATONA S1PS SR

Low-cut shoe with a sporty design, combining the highest level of performance with long-lasting comfort.
Upper : Textile - TPU - Knitted | Lining : Mesh - Breathable | Insole : PU - Foam | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 580 g per shoe

35 → 49
Black-Yellow





WEAR OFF · SUPPORT & CUSHION · TOE CAP

⊕ Ergonomically designed footwear for comfortable wear

CE

EN ISO 20345:2022
S1PS CI FO A E ESD SR

X 5

CIMA S1PS SR

High-cut shoe with a sporty design, combining the highest level of performance with long-lasting comfort.
Upper : Textile - TPU - Knitted | Lining : Mesh - Breathable | Insole : PU - Foam - 2d | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 620 g per shoe

35 → 49
Black-Yellow





WEAR OFF · SUPPORT & CUSHION · TOE CAP

⊕ Ergonomically designed footwear for comfortable wear

CE

EN ISO 20345:2022
S1PS CI FO A E ESD SR

X 5

CAMPIONE S1PS SR

Low-cut shoe with a sporty design, combining the highest level of performance with long-lasting comfort.
Upper : Textile - Microfibre - TPU - Knitted | Lining : Mesh - Breathable | Insole : PU - Foam - 2d | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 585 g per shoe

35 → 49
Black-Blue





WEAR OFF · SUPPORT & CUSHION · TOE CAP

⊕ Ergonomically designed footwear for comfortable wear

CE

EN ISO 20345:2022
S1PS HRO FO A E SR

X 10

DELTA SPORT S1PS SR

Sporty design, low cut shoe with technical construction, the best compromise between breathability and durability
Upper : Textile - Polymere - PU deeped | Lining : Textile - Polyester - Absorbing | Insole : EVA | Outsole : Welded - EVA - Nitrile | Reinforcements : PU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 482 g per shoe

⊕ Metal-free: get through every security gate without a hitch thanks to the absence of metal.

39 → 47
Black-Red







39 → 47
Blue-Yellow

35 → 49
Black-Grey





GIRO S3S SR

0 X

Low-cut shoe with sporty design, combining the highest level of performance with long-lasting comfort.
Upper : Textile - Membrane - TPU - Knitted | Lining : Mesh - Breathable | Insole : PU - Textile - Foam - 2d | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 585 g per shoe

EN ISO 20345:2022
S3S CI WPA FO A E ESD SR

⊕ Stabilisation of the foot when walking

35 → 49
Black-Grey





CALCIO S3S SR

5 X

High-top shoe with sporty design, combining the highest level of performance with long-lasting comfort.
Upper : Textile - Membrane - TPU - Knitted | Lining : Mesh - Breathable | Insole : PU - Textile - Foam - 2d | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 625 g per shoe

EN ISO 20345:2022
S3S CI WPA FO A E ESD CR SR

⊕ Stabilisation of the foot when walking

35 → 49
Black





ROSSI S3S SR

5 X

Low-cut shoe with a sporty design, combining the highest level of performance with comfort, regardless of the conditions.
Upper : Leather - Grain Leather | Lining : Mesh - Breathable | Insole : PU - Foam - 2d | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 600 g per shoe

EN ISO 20345:2022
S3S CI WPA FO A E ESD SR

⊕ Ergonomically designed footwear for comfortable wear

35 → 49
Black





ALPINO S3S SR

5 X

High-cut shoe with a sporty design, combining the highest level of performance with comfort, regardless of the conditions.
Upper : Leather - Grain Leather | Lining : Mesh - Breathable | Insole : PU - Foam - 2d | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 650 g per shoe

EN ISO 20345:2022
S3S CI WPA FO A E ESD CR SR

⊕ Ergonomically designed footwear for comfortable wear

CE

EN ISO 20345:2022
S3S CI WPA FO A E ESD SR

X 0

CICLO S3S SR

35 → 49
Black

Low-Cut shoe featuring the BOA® Fit System, delivering maximum performance and durable comfort.
Upper : Microfibre - Water repellent | Lining : Mesh - Breathable | Insole : PU - Textile - Foam - 2d | Outsole : Injected | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Rotary knob | Weight : 590 g per shoe





WEAR OFF SUPPORT CUSHION TOE CAP

⊕ Stabilisation of the foot when walking

CE

EN ISO 20345:2022
S3S CI WPA FO A E ESD CR SR

X 0

CICLO-MC S3S SR

35 → 49
Black

High-top shoe featuring the BOA® Fit System, delivering maximum performance and durable comfort.
Upper : Microfibre - Water repellent | Lining : Mesh - Breathable | Insole : PU - Textile - 2d - Foam | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Rotary knob | Weight : 630 g per shoe





WEAR OFF SUPPORT CUSHION TOE CAP

⊕ Stabilisation of the foot when walking



39 → 47
Black-Orange





BROOKLYN S3S SR

10 X

CE

EN ISO 20345:2022
S3S HRO WPA FO A E SR

Sporty design, low cut shoe, combining ergonomics and comfort
Upper : Leather - Split Leather - Velvet | Lining : Textile - Polyester - Breathable | Insole : EVA | Outsole : Welded - EVA - Nitrile | Reinforcements : Rubber | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 524 g per shoe

⊕ Grip on the ground

39 → 47
Black-Yellow





MANHATTAN S3S SR

10 X

CE

EN ISO 20345:2022
S3S HRO WPA FO A E SR

Sporty design, high cut shoe, combining ergonomics and comfort
Upper : Leather - Split Leather - Velvet | Lining : Textile - Polyester - Breathable | Insole : EVA | Outsole : Welded - EVA - Nitrile | Reinforcements : Rubber | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 568 g per shoe

⊕ Metal-free: get through every security gate without a hitch thanks to the absence of metal.

39 → 48
Beige





SAGA2 S3S SR

5 X

CE

EN ISO 20345:2022
S3S HRO WPA FO A E SR

High cut shoe with a trendy look, for work or for the city
Upper : Leather - Nubuck | Lining : Polyester | Insole : EVA - Polyester | Outsole : Welded - EVA - Nitrile | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 630 g per shoe

⊕ Stabilisation of the foot when walking



39 → 48
Brown



39 → 48
Black

CE

EN ISO 20345:2022
S1P FO A E SR

X 10

MIAMI2 S1P SR

Lightweight and flexible low-cut shoe
Upper : Microfibre - Mesh - Cotton | Lining : Polyester - Mesh | Insole : Polyester | Outsole : Injected - PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : None | Weight : 447 g per shoe

35 → 48
Black





⊕ Flexible sole to reduce fatigue during use



35 → 48
Khaki



35 → 48
Grey-Navy blue

CE

EN ISO 20345:2022
S1P FO A E ESD SR

X 10

MIAMI2 S1P ESD SR

Lightweight and flexible low shoe, ideal for ESD environments
Upper : Microfibre - Mesh - Cotton | Lining : Polyester - Mesh | Insole : Polyester | Outsole : Injected - PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : None | Weight : 456 g per shoe

35 → 48
Black





⊕ Flexible sole to reduce fatigue during use





35 → 48
Beige





35 → 48
Black

ARONA S1P SRC

10 X

CE

EN ISO 20345:2011
S1P FO A E SRC

Lightweight and flexible high cut shoe, for all-day comfort
Upper : Textile | Insole : EVA - Polyester | Outsole : Injected - PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 486 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

39 → 48
Navy blue





COMO2 S1P SR

10 X

CE

EN ISO 20345:2022
S1P FO A E SR

Lightweight, breathable low-cut safety shoe for all-day comfort
Upper : Leather - Textile - Polyester - Mesh - Split Leather - Velvet | Lining : Polyester - Mesh | Insole : Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 507 g per shoe

⊕ Padded tongue to reduce pressure points in the lacing area



39 → 48
Black



35 → 43
Black-Fushia



35 → 48
Blue-Yellow





35 → 48
Grey-Orange

SUMMER2 S1P SR

10 X

CE

EN ISO 20345:2022
S1P FO A E SR

Very lightweight and breathable low-top shoe for all-day comfort
Upper : Textile - Polyester - Cotton - Knitted | Lining : Textile - Breathable | Insole : Polyester - PU | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 485 g per shoe

⊕ Shock-absorbing heel to relieve joint strain

CE

EN ISO 20345:2022
S1P FO A E SR

X 10

PRESTO S1P SR

35 → 48
Black

Low-cut shoe with EASY FIT system for easy slip-on.
Upper : Mesh | Lining : Mesh | Insole : PU | Outsole : PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : None | Weight : 525 g per shoe





⊕ Lightweight product to reduce fatigue throughout the day
⊕ Quick to fit

CE

EN ISO 20345:2022
S1P FO A E SR

X 10

POSITANO S1P SR

36 → 48
Navy blue

Lightweight, breathable low-cut shoe with optimum support thanks to the rotor tightening system.
Upper : Textile - Polyester - TPU | Lining : Mesh - 3d | Insole : Polyester - PU | Outsole : Injected - PU - 2d | Reinforcements : TPU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Rotary knob | Weight : 450 g per shoe





⊕ Model with rotor quick-clamping system

CE

EN ISO 20345:2022
S1P FO A E SR

X 10/36-45 | x5/46-48

FENNEC4 S1P SR

36 → 47
Grey

Low-cut shoe, combining durability and breathability, as well as optimal grip on all surfaces
Upper : Leather - Split Leather - Velvet | Lining : Polyamid - Absorbing | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 628 g per shoe





⊕ Ladder side grip: sole design for good grip on ladders

CE

EN ISO 20345:2022
S1 FO A E SR

X 10/36-45 | x5/46-48

FENNEC4 S1 SR

36 → 47
Grey

Low-cut shoe, combining durability and breathability, as well as optimal grip on all surfaces
Upper : Leather - Split Leather - Velvet | Lining : Polyamid - Absorbing | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 477 g per shoe





⊕ Ladder side grip: sole design for good grip on ladders

36 → 47
Grey-Yellow





TANGARA2 S1P SR

10 X

CE

EN ISO 20345:2022
S1P FO A E SR

High-cut shoe, combining durability and breathability, as well as optimal grip on all surfaces
Upper : Leather - Split Leather - Velvet | Lining : Polyamid - Absorbing | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 601 g per shoe

⊕ Ladder side grip: sole design for good grip on ladders



36 → 47
Beige-Yellow



RIMINI4 S1P SR

10 X

CE

EN ISO 20345:2022
S1P FO A E SR

Low-cut shoe, combining durability and flexibility, as well as optimal grip on all surfaces
Upper : Leather - Split Leather - Velvet | Lining : Polyamid - Absorbing | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 594 g per shoe

⊕ Ladder side grip: sole design for good grip on ladders



36 → 47
Navy blue-Orange

36 → 48
Grey-Blue





ASTI S1PS SR

10 X

CE

EN ISO 20345:2022
S1PS FO A E SR

Low cut shoe with Panoflex technology for better torsion control and walking stability
Upper : Leather - Textile - Split Leather - Velvet | Lining : Textile - Polyester | Insole : EVA | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 544 g per shoe

⊕ Padded tongue to reduce pressure points in the lacing area



36 → 48
Beige



36 → 48
Black

CE

EN ISO 20345:2022
S1PS FO A E SR

X 10

VIRAGE S1PS SR

High-cut shoe with Panoflex technology for better torsion control and walking stability
Upper : Leather - Textile - Split Leather - Velvet | Lining : Textile - Polyester | Insole : EVA - Foam | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 612 g per shoe

⊕ Padded tongue to reduce pressure points in the lacing area

36 → 48
Grey-Green







36 → 48
Black-Red

CE

EN ISO 20345:2022
S1PS FO A E ESD SR

X 10

VIAGI S1PS SR ESD

Lightweight, breathable low cut shoe, ideal for ESD environments
Upper : Leather - Textile - Split Leather - Velvet | Lining : Textile - Polyester | Insole : EVA - Foam | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 610 g per shoe

⊕ Enhanced protection against electrostatic discharge

36 → 48
Black-Red





CE

EN ISO 20345:2022
S1PS CI HI FO A E SR

X 5

CINTO S1PS SR

Lightweight, breathable, low-cut shoe for industrial use.
Upper : Leather - Split Leather - Velvet | Lining : Mesh - 3d | Insole : Polyester - PU | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 540 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

36 → 48
Grey





CE

EN ISO 20345:2022
S1PS CI HI FO A E SR

X 5

DENALI S1PS SR

Lightweight, breathable high-cut shoe for industrial use.
Upper : Leather - Split Leather - Velvet | Lining : Mesh - 3d | Insole : Polyester - PU | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 560 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

36 → 48
Grey







35 → 48
Black





35 → 48
White

MIAMI S2 SRC

10 X

Lightweight microfibre low-cut shoe with a water-repellent upper, meeting the requirements of the food industry and hygiene professions
Upper : Microfibre - PU deeped | Insole : EVA - Polyester | Outsole : Injected - PU | Safety toe-cap : Stainless steel | Lacing system : None | Weight : 402 g per shoe

⊕ Machine washable up to 30° for easy care.

EN ISO 20345:2011
S2 WRU FO A E SRC

35 → 48
White





ROBION4 S2 SR

5 X

Low-cut microfibre shoe ideal for the food industry
Upper : Microfibre | Lining : Textile | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Safety toe-cap : Stainless steel | Lacing system : None | Weight : 468 g per shoe

⊕ Streamlined design for easy day-to-day cleaning

EN ISO 20345:2022
S2 CI WPA FO A E SR

35 → 48
White





MAUBEC4 SBEA SR

5 X

Microfibre work clog ideal for the food industry, with adjustable, detachable strap.
Upper : Microfibre | Lining : Textile | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Safety toe-cap : Stainless steel | Lacing system : None - Clip curl | Weight : 485 g per shoe

⊕ Streamlined design for easy day-to-day cleaning

EN ISO 20345:2022
SB FO A E SR



CE

EN ISO 20345:2011
S3 HRO HI WRU FO A E SRC

EN ISO 20349-2
WG

X 10

COBRA4 S3 SRC

36 → 48
Black

Welding-specific high-cut shoe, standard 20349-2
Upper : Leather - Croupon - Pigmented - Water repellent | Lining : Textile - Polyester | Insole : EVA - Polyamide | Outsole : Injected - PU - Nitrile rubber | Reinforcements : Para-aramid stitching | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Velcro | Weight : 726 g per shoe





⊕ Sole designed to withstand contact heat up to 300°C

CE

EN ISO 20345:2022
S3 WPA FO A E M CR

X 10

MIWA S3 M SR

36 → 47
Black

High-cut shoe for the heavy industry with good metatarsal protection
Upper : Leather - Croupon - Pigmented - Water repellent | Lining : Textile - Mesh polyamid | Insole : EVA - Polyester | Outsole : PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 699 g per shoe





⊕ Integrated metatarsal protection to absorb and evenly distribute impact energy



36 → 48
Black





JET3 S1 SR

10/36-45 | x5/46-48
X

CE

EN ISO 20345:2022
S1 FO A E SR

Low-cut shoe with robust construction for optimum durability
Upper : Leather - Croupon - Pigmented | Lining : Textile - Mesh polyamid | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 490 g per shoe

⊕ Ladder side grip: sole design for good grip on ladders

36 → 48
Black





JUMPER3 S1 SR

10/36-45 | x5/46-48
X

CE

EN ISO 20345:2022
S1 FO A E SR

High-cut shoe with robust construction for optimum durability
Upper : Leather - Croupon - Pigmented | Lining : Textile - Mesh polyamid | Insole : EVA - Polyester - 2d | Outsole : Injected - PU - 2d | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 556 g per shoe

⊕ Ladder side grip: sole design for good grip on ladders

36 → 48
Black





JET3 S1P SR

10/36-45 | x5/46-48
X

CE

EN ISO 20345:2022
S1P FO A E SR

Low-cut shoe with robust construction for optimum durability
Upper : Leather - Croupon - Pigmented | Lining : Textile - Mesh polyamid | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 678 g per shoe

⊕ Ladder side grip: sole design for good grip on ladders

36 → 48
Black





JUMPER3 S1P SR

10/36-45 | x5/46-48
X

CE

EN ISO 20345:2022
S1P FO A E SR

High-cut shoe with robust construction for optimum durability
Upper : Leather - Croupon - Pigmented | Lining : Textile - Mesh polyamid | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 598 g per shoe

⊕ Ladder side grip: sole design for good grip on ladders

CE

EN ISO 20345:2022
S3 WPA FO A E SR

X 10/36-45 | x5/46-48

JET3 S3 SR

36 → 48
Black

Low-cut shoe with robust construction for optimum durability
Upper : Leather - Croupon - Pigmented - Water repellent | Lining : Textile - Mesh polyamid | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 570 g per shoe





⊕ Ladder side grip: sole design for good grip on ladders

CE

EN ISO 20345:2022
S3 WPA FO A E SR

X 10/36-45 | x5/46-48

JUMPER3 SR

36 → 48
Black

High-cut shoe with robust construction for optimum durability
Upper : Leather | Lining : Textile - Mesh polyamid | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 582 g per shoe





⊕ Ladder side grip: sole design for good grip on ladders

CE

EN ISO 20345:2022
S3 WPA FO A E SR

X 5

SAULT2 S3 SR

39 → 48
Black

Robust high-cut shoe for the construction industry, with a wider fit and robust construction
Upper : Leather - Croupon - Pigmented - Water repellent | Lining : Textile - Polyamid | Insole : EVA - Polyamide | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 736 g per shoe





⊕ Stabilisation of the foot when walking

CE

EN ISO 20345:2022
S3 WPA FO A E ESD SR

X 5

SAULT2 S3 SR ESD

39 → 48
Black

High-cut shoe with a wider fit and robust construction for ESD environments
Upper : Leather - Croupon - Pigmented - Water repellent | Lining : Textile - Polyamid | Insole : EVA - Polyamide | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 734 g per shoe





⊕ Shock-absorbing heel to relieve joint strain

39 → 48
Black





MONTBRUN S3 SR

5 X

CE

EN ISO 20345:2022
S3 WPA FO A E SR

Robust low-cut shoe for the construction industry, with a wider fit and robust construction
Upper : Leather - Croupon - Water repellent | Lining : Textile - Polyamid | Insole : EVA - Polyamide | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 702 g per shoe

⊕ Stabilisation of the foot when walking

36 → 48
Brown





GOBI S3 SR

5 X

CE

EN ISO 20345:2022
S3 WPA FO A E CR SR

High shoe with reinforcement, dedicated to the construction world
Upper : PU coating grain leather - Bovine leather | Lining : Textile - 3D lining - Mesh - 3d - Breathable | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Reinforcements : Leather - PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Composite | Lacing system : Laces | Weight : 670 g per shoe

⊕ Stabilisation of the foot when walking



CE

EN ISO 20345:2022
S3 CI WPA FO A E SR

X 10/36-45 | x5/46-48

JUMPER3 S3 FUR SR

36 → 48
Black

High-cut shoe with robust construction for the most extreme conditions
Upper : Leather - Croupon - Water repellent | Lining : Polyester - Synthetical-fur | Insole : Felt - Foam | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 611 g per shoe





⊕ Sole with specific PU resistant to -30°C

CE

EN ISO 20345:2022
S3 CI WPA FO A E SR

X 5

JUMPER S3 FUR HC SR

36 → 48
Black

Fur-lined ranger with robust construction for the most extreme conditions
Upper : Leather - Croupon - Water repellent | Lining : Polyester - Synthetical-fur | Insole : Felt | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 776 g per shoe





⊕ Sole with specific PU resistant to -30°C

CE

EN ISO 20345:2022
S3 CI WPA FO A E SR

X 5

CADEROUSSE S3 SR

39 → 48
Black

Fur-lined ranger with a wider fit and robust construction, for the construction industry
Upper : Leather - Grain Leather - Water repellent | Lining : Textile - Polyester - Synthetical-fur | Insole : Felt | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 852 g per shoe





⊕ Stabilisation of the foot when walking

CE

EN ISO 20345:2022
S3 CI A E FO SR

X 5

LODI S3 SR

39 → 48
Black

High-protection leather boot for demanding environments, featuring a padded ankle collar for maximum comfort.
Upper : Leather - Pigmented - Water repellent | Lining : Mesh - 3d | Insole : PU 2D | Outsole : PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Weight : 900 g per shoe





⊕ Shock-absorbing heel to relieve joint strain

38 → 48
Black





ARENAL S3S SR

5 X

CE

EN ISO 20345:2022
S3S HRO CI HI WPA FO A E SC LG SR

Robust and comfortable low-cut shoe, adapted to more difficult environments.
Upper : Leather - Nubuck | Lining : Mesh | Insole : PU - Synthetic - Foam | Outsole : Injected - PU - Nitrile rubber | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 730 g per shoe

⊕ Built to last: 4 stitching, robust materials, front and rear reinforcements

38 → 48
Black





COLIMA S3S SR

5 X

CE

EN ISO 20345:2022
S3S HRO CI HI WPA FO A E CR SC LG SR

Robust and comfortable high-cut shoe, adapted to more difficult environments.
Upper : Leather - Nubuck | Lining : Mesh | Insole : PU - Synthetic - Foam | Outsole : Injected - PU - 2d - Nitrile rubber | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 780 g per shoe

⊕ Built to last: 4 stitching, robust materials, front and rear reinforcements



CE

EN ISO 20345:2022
S3S HRO CI HI WPA FO A E SC LG SR

X 5

TW302 S3 SRC

39 → 48
Black

All-terrain low-cut shoe, combining robustness and durability, regardless of the conditions
Upper : Leather - Grain Leather - Water repellent | Lining : Polyamid - Absorbing | Insole : EVA - Polyester - Foam | Outsole : Welded - PU - Nitrile | Reinforcements : TPU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 894 g per shoe





⊕ Stabilisation of the foot when walking

CE

EN ISO 20345:2022
S3S HRO CI HI WPA FO A E SC LG SRC

X 5

TW402 S3S SR

39 → 48
Black

All-terrain high-cut shoe, combining robustness and durability, regardless of the conditions
Upper : Leather - Grain Leather - Water repellent | Lining : Polyamid - Absorbing | Insole : EVA - Polyester - Foam | Outsole : Welded - PU - Nitrile | Reinforcements : TPU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 972 g per shoe





⊕ Stabilisation of the foot when walking



39 → 48
Black





MAESTRO S3S SR

5 X

Robust, non-magnetic, low-cut shoe with a wider fit, for the construction industry
Upper : Buffalo leather - Smooth - Water repellent | Lining : Textile - Polyester | Insole : EVA - Polyamide | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 670 g per shoe

⊕ Wide shape to accommodate stronger foot morphologies

EN ISO 20345:2022
S3S WPA FO A E SR

39 → 48
Black





SANTANA S3S SR

5 X

Non-magnetic high-cut shoe with a wider fit and robust construction for the construction industry
Upper : Buffalo leather - Smooth - Water repellent | Lining : Textile - Polyester | Insole : EVA - Polyamide | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 720 g per shoe

⊕ Wide shape to accommodate stronger foot morphologies

EN ISO 20345:2022
S3S WPA FO A E CR SR

39 → 48
Black





CALYPSO S3S SR

5 X

Robust non-magnetic ranger for the construction industry, with a wider fit and robust construction
Upper : Buffalo leather - Smooth - Water repellent | Lining : Textile - Polyester | Insole : EVA - Polyamide | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 856 g per shoe

⊕ Wide shape to accommodate stronger foot morphologies

EN ISO 20345:2022
S3S WPA FO A E CR SR

CE

EN ISO 20345:2022
S3S CI HI WPA FO A E SR

X 5

PHOCEA2 S3S SR

36 → 48
Black

Non-magnetic low-cut shoe with robust construction, thanks to quadruple stitching
Upper : Leather - Croupon - Pigmented - Water repellent | Lining : Textile - Mesh polyamid | Insole : Polyester - PU | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 500 g per shoe





⊕ Built to last: 4 stitching, robust materials, front and rear reinforcements

CE

EN ISO 20345:2022
S3S CI HI WPA FO A E CR SR

X 5

PHOENIX2 S3S SR

36 → 48
Black

Non-magnetic high-cut shoe with robust construction, thanks to quadruple stitching.
Upper : Leather - Croupon - Pigmented - Water repellent | Lining : Textile - Mesh polyamid | Insole : Polyester - PU | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 570 g per shoe





⊕ Stabilisation of the foot when walking

CE

EN ISO 20345:2022
S3S CI HI WPA FO A E SR

X 5

EIGER S3S SR

36 → 48
Brown

Comfortable, high-performance low-cut shoe with reinforcement for demanding environments.
Upper : Textile - PU coating grain leather - Bovine leather - PU deeped | Lining : Mesh - 3d | Insole : Polyester - PU | Outsole : Injected - PU - 2d | Reinforcements : Leather - PU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 550 g per shoe





⊕ Shock-absorbing heel to relieve joint strain

CE

EN ISO 20345:2022
S3S CI HI WPA FO A E SR

X 5

JAYA S3S SR

36 → 48
Brown

Comfortable, high-performance high-cut shoe with reinforcement for demanding environments.
Upper : Textile - PU coating grain leather - Bovine leather - PU deeped | Lining : Mesh - 3d | Insole : Polyester - PU | Outsole : Injected - PU - 2d | Reinforcements : Leather - PU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 570 g per shoe





⊕ High stability ensured by the sole's grip properties

36 → 48
Black





NIAGARA S7 SR

5 X

CE

EN ISO 20345:2022
S7 CI HI WR FO A E SR

Upper : Leather - Split Leather | Lining : Membrane - Polyester - Delta-Tex - Breathable | Insole : EVA - Polyester - Foam | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 790 g per shoe

⊕ Shock-absorbing heel to relieve joint strain

DELTA-TEX WATER PROOF

39 → 48
Brown







39 → 48
Black

NOMAD3 S7S SR

5 X

CE

EN ISO 20345:2022
S7S CI HI WR FO A E SR

Waterproof high cut shoe thanks to its DELTATEX membrane, dedicated to outdoor environments
Upper : Leather - Grain Leather | Lining : Membrane - Polyester - Delta-Tex - Breathable | Insole : EVA - Polyester | Outsole : Injected - PU - 2d | Reinforcements : TPU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 805 g per shoe

⊕ Waterproof design prevents water penetration

DELTA-TEX WATER PROOF



CE

EN ISO 20345:2022
S1 FO A E SR

X 2

RICHMOND2 S1 SR

39 → 48
Black

Shoe combining Richelieu's style and timeless elegance
Upper : Leather - Grain Leather | Lining : Textile - Polyamid | Insole : EVA - Foam | Outsole : Injected - PU | Safety toe-cap : Composite | Lacing system : Laces | Weight : 480 g per shoe





⊕ Ergonomically designed footwear for comfortable wear

CE

EN ISO 20345:2022
S1P FO A E SR

X 2

COMO2 S1P SR

35 → 43
Black-Fushia

Lightweight, breathable low-cut safety shoe for all-day comfort
Upper : Leather - Textile - Polyester - Mesh - Split Leather - Velvet | Lining : Polyester - Mesh | Insole : Polyester | Outsole : Injected - PU - 2d | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Laces | Weight : 507 g per shoe





⊕ Padded tongue to reduce pressure points in the lacing area

CE

EN ISO 20345:2022
S3S CI WPA FO A E ESD SR

X 5

DONNA S3S SR

35 → 42
Black

Elegance and protection: a design specifically made for women, combining performance and comfort all the day long.
Upper : Microfibre - Hydro | Lining : Mesh - Breathable | Insole : PU - Textile - 2d - Foam | Outsole : Injected - PU - 2d | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 520 g per shoe





WEAR OFF · SUPPORT & CUSHION · TOE CAP

⊕ Stabilisation of the foot when walking
⊕ Ergonomically designed footwear for comfortable wear

CE

EN ISO 20345:2022
S3S WPA FO A E SR

X 2

BRISTOL2 S3S SR

39 → 48
Black

A low-cut shoe combining style and elegance, made from 100% composite material
Upper : Leather - Grain Leather | Lining : Textile - Polyamid | Insole : EVA - Foam | Outsole : Welded - PU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Lacing system : Laces | Weight : 494 g per shoe





⊕ Ergonomically designed footwear for comfortable wear

36 → 48
Black-Grey



46500

100 X

Anti-bacterial and anti-fungal replacement insoles with AIR FLOW system
94% Polyester 6% conductive yarn | Weight : 60 g

⊕ Anti-bacterial and anti-fungal

36 → 48
Black



47600

300 X

Spare insoles
85% EVA, 15% polyester | Weight : 40 g

⊕ Removable insock for easy cleaning

Black



22180

500 X

Round laces
100% polyamide | Length : 100 cm | Weight : 10 g

⊕ Quick to fit

Black-Grey



LACET XL

500 X

Round laces
100% polyamide | Length : 120 cm | Weight : 10 g

⊕ Quick to fit

X 100

PRATO

Antistatic and antibacterial socks.
64% cotton 17% polyamide 16% Nostatex 3% Lycra | Weight : 82 g

⊕ Machine washable up to 30° for easy care.

39 → 46
Black-Grey





39 → 46
Khaki-Green

X 50

CHAUSSETT

Acrylic fleeced socks for boots.
100% Acrylic fur | Weight : 100 g

⊕ Quick to fit

Champagne



X 50

CHAUSSON

Isothermic slippers.
100% polyester | Weight : 46 g

⊕ Machine washable up to 30° for easy care.

38 → 47
Grey



PROTECTIVE BOOTS

A complete range of protective boots dedicated to each environment



CONSTRUCTION INDUSTRY

You are a most demanding worker. Do you face many risks, whatever the weather conditions, and you want uncompromising protective boots?
Our selection of Construction-Industry boots provide you with: a maximum level of protection, all-terrain stability as well as increased resistance to the most demanding hazards. .

				Standards	Additional markings		*	*	*	
SAFETY 2011		NICKEL S5		S5	SRC		1200 g	45 cm	27 cm	●
SAFETY EN ISO 20345:2022 + A1:2024		BRONZE3 S5		S5	SR FO LG		1200 g	44 cm	38cm	●
		AEROCOLD S5		S5	SR CI FO		832 g	44 cm	27 cm	●
SAFETY EN ISO 20345:2022		AEROBUILD S5		S5	SR CI FO		904 g	46 cm	37.5 cm	●
		AEROTECH S5		S5	SR CI FO		850 g	44 cm	27 cm	●
		COPPER S5 FO		S5	FO		1102 g	48 cm	39 cm	●
		ESKIMO SBHPS		SBHPS	A E SR FO CI CR		865 g	44 cm	27 cm	●
OCCUPATIONAL EN ISO 20347:2022		STONE OB FO		OB	FO		812 g	46 cm	39.5 cm	
Category 1		FREEZE					586 g	45 cm	27 cm	
		LAUTARET2					519 g	48 cm	28 cm	●

* for a size 42 shoe

FOOD INDUSTRY

The needs and requirements of this environment are very high. We have therefore developed a multidisciplinary range, which allows you to meet all the challenges you encounter on a daily basis: anti-slip certification, easy-to-disinfect boot and increased resistance to many aggressive agents, are the key components of our range of boots.

			Standards	Additional markings		*	*	*	
SAFETY EN ISO 20345:2022 + A1:2024		NITRIC SB FO	SB	SR FO	-30°C	1130 g	42 cm	37 cm	
SAFETY EN ISO 20345:2022		ORGANO S4 FO	S4	FO		1100 g	47 cm	38 cm	●
		KEMIS S4 SR	S4	SR CI FO	-30°C	1020 g	44 cm	37 cm	●
		AEROFOOD S4 SR	S4	SR CI FO	-30°C	799 g	45 cm	37 cm	
OCCUPATIONAL EN ISO 20347:2022 + A1:2024		HEALTHIC OB FO	OB	FO		369 g			
OCCUPATIONAL EN ISO 20347:2022		PHYSIOHC OB FO	OB	FO		765 g	46 cm	39.5 cm	
		OXID O4 SR	O4	SR CI FO	-30°C	946 g	44 cm	37 cm	●

* for a size 42 shoe

AGRICULTURE - GREEN SPACES

From farms to aquaculture professions and even the maintenance of green spaces, all of our boots have been designed for you. A complete range, in "green" colors , with the right levels of protection, to make your daily task easier.

			Standards	Additional markings		*	*	*	
SAFETY EN ISO 20345:2022 + A1:2024		FISHER3 S5	S5	SR FO LG		1300 g	69 cm	80 cm	●
		OYSTER3 S5	S5	SR FO LG		3200 g	122 cm	130 cm	●
OCCUPATIONAL EN ISO 20347:2022 + A1:2024		FROST OB FO	OB	FO	-20°C	1100 g	47 cm	35 cm	●
		GARDEN OB FO	OB	FO		369 g			
OCCUPATIONAL EN ISO 20347:2022		GROUNDMC OB FO	OB	FO		620 g	41.5 cm	23.5 cm	
		GROUNDHC OB FO	OB	FO		810 g	46 cm	39.5 cm	
		AEROGREEN O4	O4	SR CI FO		650 g	46 cm	37.5 cm	

* for a size 42 shoe

39 → 46
Black



NICKEL S5 CI SRC

6 X

CE

EN ISO 20345:2011
S5 CI FO A E SRC

Fur-lined safety half-boot, ideal for cold climates with comfortable fit provided by the gripping straps
Upper : PVC | Lining : Textile - Polyester - Synthetical-fur - Molleton | Insole : Felt | Outsole : Injected - Nitrile - PVC | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Weight : 1200 g per shoe

⊕ Construction of the model for great insulation against the cold

37 → 48
Green-Black



BRONZE3 S5 SR

6 X

CE

EN ISO 20345:2022
S5 A E FO SR LG

High performance safety boots for the construction industry
Upper : PVC | Lining : Polyester | Outsole : Injected - PVC | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Weight : 1200 g per shoe

⊕ High stability ensured by the sole's grip properties



37 → 48
Yellow-Black



37 → 48
Black



37 → 48
Navy blue-Red

35 → 49
Brown



AEROCOLD S5

6 X

CE

EN ISO 20345:2022
S5 CI A E FO SR

Robust, lightweight and ergonomic, fur-lined safety half-boot with a design specially adapted to the construction industry
Upper : PU | Lining : Polyester | Outsole : Spray injection - PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Weight : 882 g per shoe

⊕ Ergonomically designed footwear for comfortable wear

CE

EN ISO 20345:2022
S5 CI A E FO SR

X 6

AEROBUILD S5 CI FO SR

Robust, lightweight and ergonomic safety boot with design specially adapted to the construction industry
Upper : PU | Lining : Polyester | Insole : PU - Textile | Outsole : Spray injection - PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Weight : 904 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

35 → 49
Grey-Yellow





35 → 49
Khaki

CE

EN ISO 20345:2022
S5 CI FO A E SR

X 6

AEROTECH S5 CI FO SR

Robust, lightweight and ergonomic safety half-boot with design specially adapted to the construction industry
Upper : PU | Lining : Polyester - Molleton | Insole : PU - Textile | Outsole : Spray injection - PU | Reinforcements : PU | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Weight : 850 g per shoe

⊕ Second-skin effect for a close-fitting fit

35 → 49
Grey-Yellow



CE

EN ISO 20345:2022
S5 A E FO

X 6

COPPER S5 FO

Lightweight, multi-purpose safety boot for any work environment requiring enhanced protection
Upper : PVC | Lining : Polyester | Outsole : Injected - PVC | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Weight : 1112 g per shoe

⊕ Shock-absorbing heel to relieve joint strain

39 → 48
Green-Black





39 → 48
Yellow-Black



39 → 48
Black

38 → 48
Black



ESKIMO SBHPS

5 X

CE

EN ISO 20345:2022
SBHPS CI WR FO A E PS CR SR

Canadian safety boot specially designed for use in outdoor cold conditions or in cold rooms with temperatures as low as -30°C
Upper : Leather - Textile - Polyester - Grain Leather - PU deeped | Lining : Membrane - Polyester - Synthetical-fur - Delta-Tex - Isotermic | Insole : Felt | Outsole : Injected - PU - 2d | Reinforcements : PU | Anti-perforation insert : Metal free | Safety toe-cap : Composite | Weight : 865 g per shoe

⊕ Construction of the model for great insulation against the cold



38 → 48
Green-Black

38 → 48
Black



STONE OB FO

8 X

CE

EN ISO 20347:2022
OB FO

Comfortable, lightweight work boot for all types of low risk work
Upper : PVC | Lining : Polyester | Outsole : Injected - PVC | Weight : 812 g per shoe

⊕ Streamlined design for easy day-to-day cleaning

38 → 48
Black



FREEZE

8 X

CE

Half-boot with thick fur-lining ideal for cold environments
Upper : PVC | Lining : Textile - Polyester - Synthetical-fur - Molleton | Insole : Felt | Outsole : Injected - PVC | Weight : 586 g per shoe

⊕ Ergonomically designed footwear for comfortable wear

38 → 47
Black



LAUTARET 2

5 X

Canadian fur-lined work boot with thermoplastic sole for temperatures as low as -30°C, ideal for light work in cold conditions
Upper : Elastomere/rubber | Lining : Polyester | Insole : Felt | Outsole : Injected - TPU | Weight : 519 g per shoe

⊕ Ergonomically designed footwear for comfortable wear

CE

EN ISO 20345:2022
SB A E FO SR

X 6

NITRIC SB FO

Comfortable, close-fitting safety boot ideal for the food industry
Upper : PVC | Lining : Coton jersey | Outsole : Injected - Nitrile - PVC | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Weight : 1130 g per shoe

⊕ High stability ensured by the sole's grip properties

36 → 47
White-Blue



CE

EN ISO 20345:2022
S4 A E FO

X 6

ORGANO S4 FO

Robust safety boot with wide studs for optimum protection
Upper : PVC | Lining : Polyester | Outsole : PVC | Safety toe-cap : Stainless steel | Weight : 1100 g per shoe

⊕ Shock-absorbing heel to relieve joint strain

37 → 47
White-Grey



CE

EN ISO 20345:2022
S4 CI A E FO SR

X 6

KEMIS S4 SR

Smooth safety boot for quick cleaning and protection against the cold, ideal for the food industry
Upper : PVC | Lining : Textile | Insole : Felt | Outsole : Injected - PVC | Safety toe-cap : Stainless steel | Weight : 1020 g per shoe

⊕ Construction of the model for great insulation against the cold

35 → 47
White-Blue



CE

EN ISO 20345:2022
S4 CI A E FO SR

X 6

AEROFOOD S4 CI FO SR

Ultra-light and comfortable safety boot with a refined design, specifically designed for the food industry
Upper : PU | Lining : Textile - Membrane | Insole : PU - Textile | Outsole : Spray injection - PU | Safety toe-cap : Stainless steel | Weight : 850 g per shoe

⊕ Ergonomically designed footwear for comfortable wear

35 → 49
White





35 → 49
Blue

35 → 47
White-Blue



HEALTHIC OB FO

12 X

Lightweight work clogs, ideal for the food industry
Upper : PVC | Lining : Textile - Polyester | Outsole : Injected - PVC | Weight : 369 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

EN ISO 20347:2022 +A1:2024
OB

35 → 47
White-Grey



PHYSIOHC OB FO

8 X

Comfortable, lightweight work boot for all types of low risk work
Upper : PVC | Lining : Polyester | Outsole : PVC | Weight : 765 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

EN ISO 20347:2022
OB FO

35 → 47
White-Blue



OXID O4 SR

8 X

Work boots with insulating insole, ideal for use in refrigerated environments, ensuring quick and optimal cleaning
Upper : PVC | Lining : Polyester | Insole : Felt | Outsole : Injected - Nitrile - PVC | Weight : 946 g per shoe

⊕ Construction of the model for great insulation against the cold

EN ISO 20347:2022
O4 CI, FO, A, E, SR



CE

EN ISO 20345:2022
S5 FO A E LG SR

X 0

FISHER3 S5 SR

Safety thigh waders suitable for all types of work or activities in contact with water
Upper : PVC | Lining : Textile | Outsole : Injected | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Collar with drawstring

37 → 48
Green-Black



CE

EN ISO 20345:2022
S5 FO A E LG SR

X 0

OYSTER3 S5 SR

Safety waders providing protection up to the chest, suitable for all types of work or activities in contact with water
Upper : PVC | Lining : Textile | Outsole : Injected - PVC | Anti-perforation insert : Stainless steel | Safety toe-cap : Stainless steel | Lacing system : Collar with drawstring

37 → 48
Green-Black



CE

EN ISO 20347:2022 +A1:2024
OB - FO

X 8

FROST OB FO

Fur-lined work boot offering ideal thermal insulation, equipped with a lace-up collar to adjust the upper
Upper : PVC | Lining : Synthetical-fur | Outsole : Injected - PVC | Weight : 1100 g per shoe

⊕ Drawstring to ensure watertightness

36 → 47
Green-Black



36 → 47
Khaki-Black



GARDEN OB FO

12 X

Lightweight work clogs suitable for the agricultural sector
Upper : PVC | Lining : Polyester | Outsole : Injected - PVC | Weight : 369 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

EN ISO 20347:2022 +A1:2024
OB - FO

36 → 47
Green-Black



GROUNDMC OB FO

8 X

Comfortable, lightweight work half-boot for all types of low risk work
Upper : PVC | Lining : Textile - Polyester | Outsole : Injected - PVC | Weight : 620 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

EN ISO 20347:2022
OB FO

36 → 47
Green-Beige



GROUNDHC OB FO

8 X

Comfortable, lightweight work boot for all types of low risk work
Upper : PVC | Lining : Polyester | Outsole : Injected - PVC | Weight : 810 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

EN ISO 20347:2022
OB FO

35 → 49
Khaki-Beige



AEROGREEN O4 CI FO SR

6 X

Comfortable, lightweight work boot with wide studs for all types of outdoor work
Upper : PU | Lining : Polyester | Insole : PU - Textile | Outsole : Spray injection - PU | Weight : 650 g per shoe

⊕ Lightweight product to reduce fatigue throughout the day

EN ISO 20347:2022
O4 CI, FO, A, E, SR











Body support

Fall arrester and suspension harnesses 288
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Fall arrester systems

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Suspension

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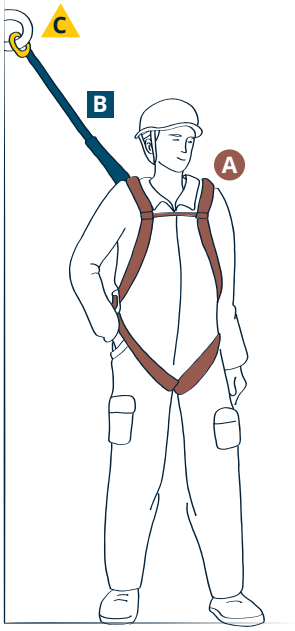
Rescue

Fall arrest and rescue, confined space 322
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THE FALL ARREST SYSTEM

COMPOSITION

An individual anti-fall system is comprised of **at least three elements.**



HARNESS

A



EN361 FULL BODY HARNESS

FALL ARRESTER

B



EN355 ENERGY ABSORBER
EN360 SELF-RETRACTABLE FALL
EN353-1 MOBILE FALL ARRESTER ON RIGID ANCHORAGE LINE
EN353-2 MOBILE FALL ARRESTER ON FLEXIBLE ANCHORAGE LINE

ANCHORAGE POINTS

C

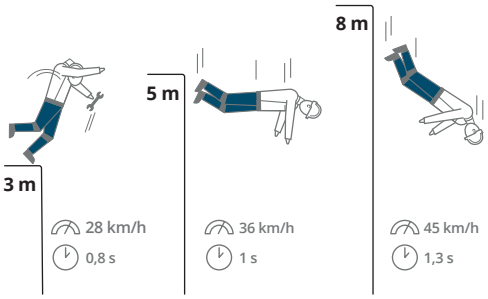


EN795 2012 ANCHORAGE DEVICES
EN362 CONNECTORS

Limit the impact to the user

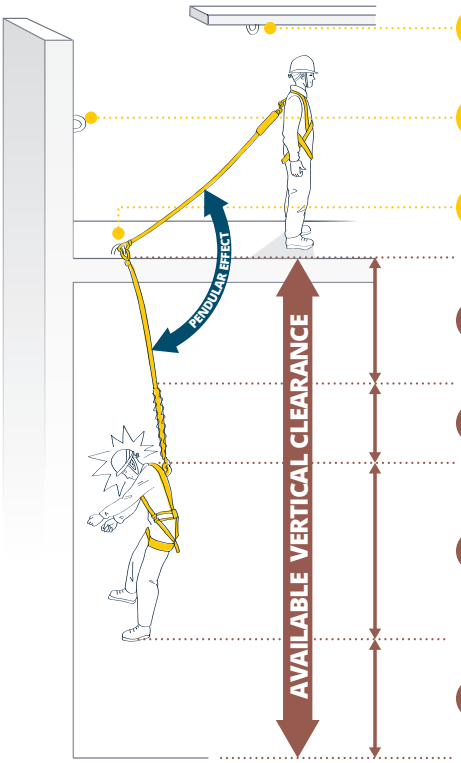
6kN : Maximum tolerance threshold for human body

10kN : Irreversible lesions, death



THE 3 KEY CONCEPTS

THE PENDULAR EFFECT, THE VERTICAL CLEARANCE AND THE FALL FACTOR



F0 Top anchorage point

F1 Anchorage point at the fall arrest harness point

F2 Low anchorage point

A Lanyard length

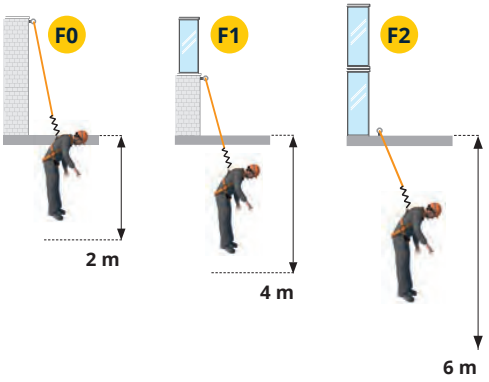
B Absorber Webbing tear

C User size and harness tretching

D Margin and safety

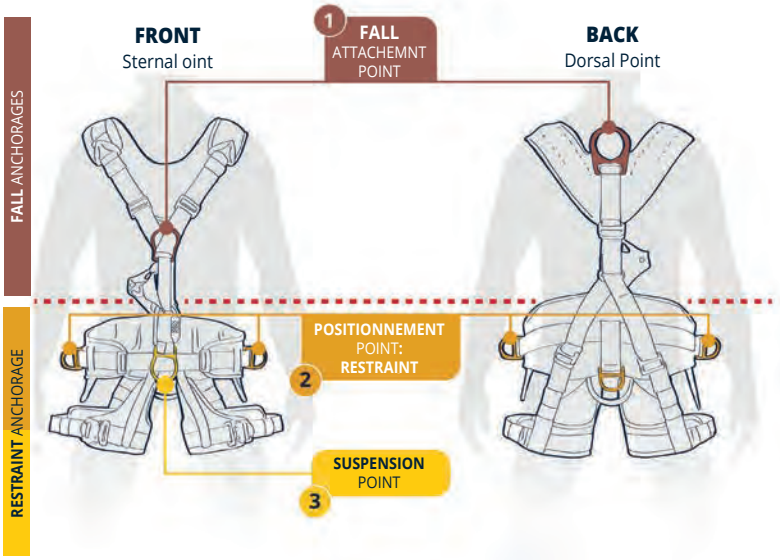
In order to stop the fall :

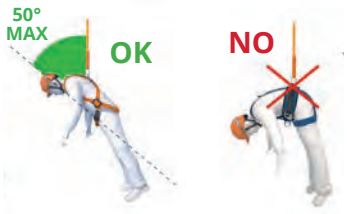
It is necessary to consider the space between the feet of user and the first encountered obstacle (called Vertical Clearance) but also consider where should be anchored my fall arrest system (called Fall Factor).



SAFETY INFO: WATCHING POINT

THE DIFFERENT CONNECTION POINTS ON A HARNESS

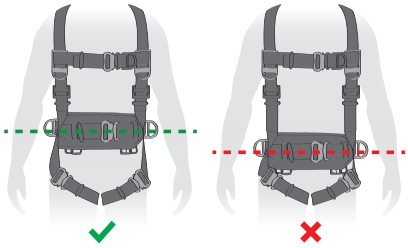




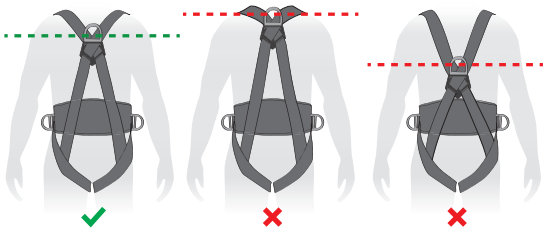
CAUTION: Never connect a fall arrest system to the points 2 3

HOW TO ADJUST YOUR HARNESS

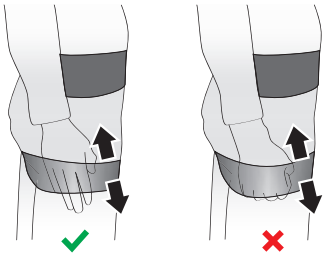
BELT



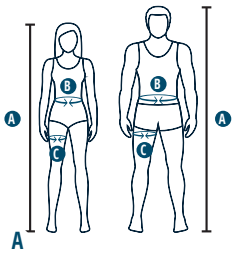
D DORSAL

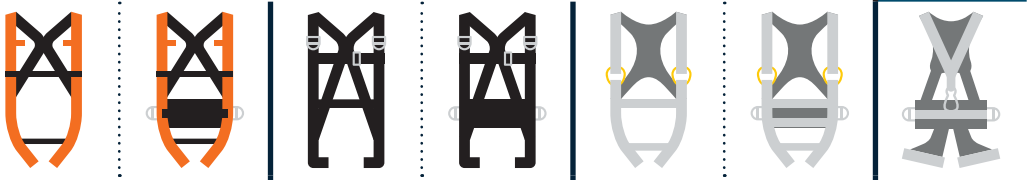


STRAP



ORDER THE RIGHT SIZE BY TAKING THE RIGHT MEASUREMENTS
COMMANDEZ LA BONNE TAILLE EN PRENANT LES BONNES MESURES





	Without belt		With belt		Without belt		With belt		Without belt		With belt		ROPE ACCESS With belt	
	Mini	Max	Mini	Max	Mini	Max	Mini	Max	Mini	Max	Mini	Max	Mini	Max
HEIGHT (CM)														
PT: XS													160	180
GT: S / M / L	165	185	165	185	165	185	165	185	165	185	165	185	165	185
XX: XL / XXL	175	200	175	200	175	200	175	200	175	200	175	200	175	200
B WAIST MEASUREMENT (CM)														
PT: XS													85	112
GT: S / M / L	80	122	80	130	80	122	80	122	90	122	90	122	90	122
XX: XL / XXL	85	135	80	130	85	135	85	135	95	135	95	135	95	135
C THIGH MEASUREMENT (CM)														
PT: XS													44	70
GT: S / M / L	47	75	47	75	47	75	47	75	47	75	47	75	47	75
XX: XL / XXL	50	80	50	80	50	80	50	80	50	80	50	80	50	80

ELARA KIT


PLATFORM

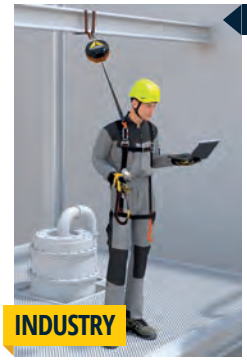
ELARA380HPF 1.80 m




CONSTRUCTION

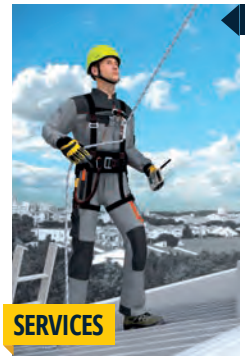
ELARA390HV2 1.40 › 2 m




INDUSTRY

ELARA340HV3 6 m




SERVICES

ELARA350H




ROOF

ELARA180 10 m

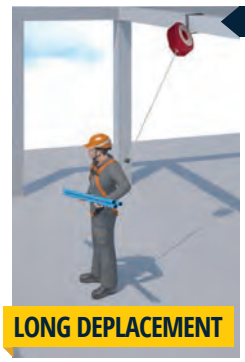



ROOF

ELARA150 10 m



ELARA170 20 m


LONG DEPLACEMENT

ELARA270V2 10 m




MEDIUM DEPLACEMENT

ELARA140V2 2.50 m



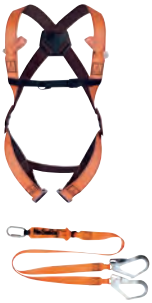

POSITIONING

ELARA320V2 2 m




SCAFFOLDING

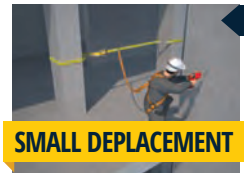
ELARA280V2 2 m




SCAFFOLDING

ELARA190V2 2 m




SMALL DEPLACEMENT

ELARA160V2 2 m




RESTRAINT

ELARA130V2 1.50 m



SAFE, EASY, CLEAR, FREE, INNOVATIVE

Innovative annual ID card verification apps



• NFC User (logo Delta)

The 2 different applications

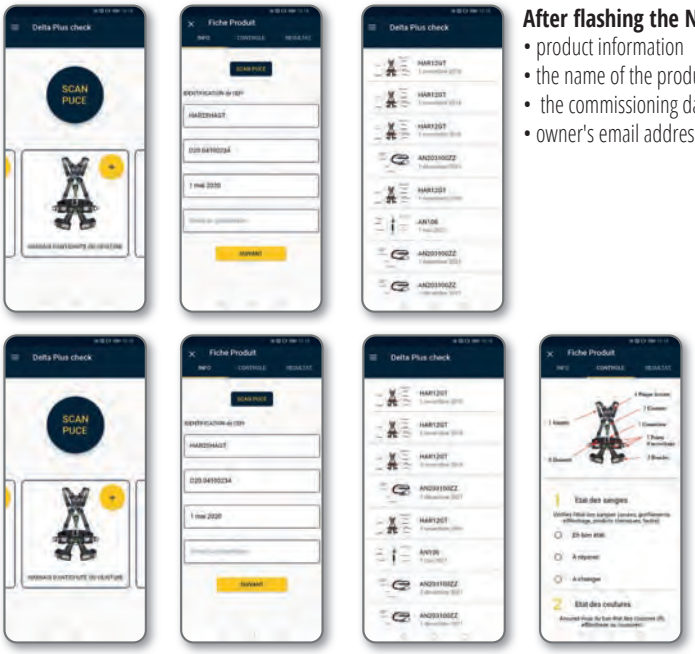


• NFC Check (harness logo)

NFC
(Near Field Communication)

Using an Android or iOS mobile phone with the technology, any user can scan the tag ((N)) after downloading the free app.

USING THE MOBILE APPLICATION



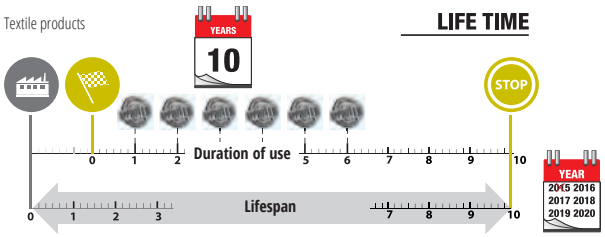
After flashing the NFC tag, users can read :
- product information
- the name of the product user
- the commissioning date (which they can enter)
- owner's email address (to be entered)

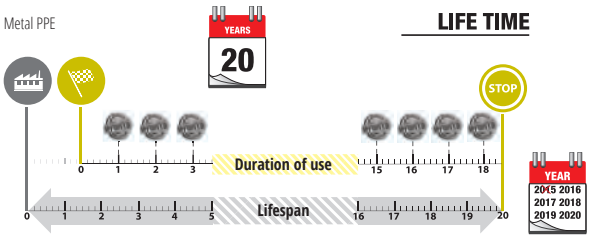
After flashing the NFC tag, the inspector can read :
- product information
- the name of the product user
- the date the product was put into service (which the inspector will enter)
- owner's email address (to be filled in)

The Authorised Service Centre (ASC) will write :
- The date of the annual inspection and will be able to consult the list of equipment
- Enter the visual inspection data for the visual inspection.

Notification will be sent to you 30 days before the product inspection date (mandatory annual inspection).

LIFESPAN OF FALL ARREST PRODUCTS





INSTRUCTIONS FOR PERIODIC INSPECTIONS SHALL INCLUDE:

- A recommendation for the frequency of periodic inspections, taking into account factors such as regulation, the type of equipment, frequency of use, and environmental conditions. This recommendation shall include a clause stating that the periodic inspection should be conducted at least once every twelve months;
- A warning to emphasise that periodic inspections should only be carried out by a competent person in strict compliance with the manufacturer periodic inspection procedures

VISUAL INSPECTION

Harnesses, belts, lanyards, ropes, energy absorbers, self-retractable devices that cannot be dismantled (e.g. AN102), connectors, our kit components (except ELARA270), temporary anchors (tripod, LV201 ...)

MECHANICAL INSPECTION

Self-retractable devices that can be dismantled, rescue equipment (e.g. TC065)

Grey-Yellow
XS → XL/XXL



JAGUAR 2 HAR36R

5 X

CE Category III **EN361** 150 kg

EN358 **EN813** 150 kg

Technical harness with a new architecture designed to optimise the ergonomics of rope workers, equipped with a ventral blocker
Composition of the main support : Aluminum - Polyester | Number of automatic loops : 2 | Number of non-removable buckles : 5 | Anti-fall point : 2 - Dorsal - Sternal | Holding point : 2 - Belt | Suspension point : 1 | Number of fall arrest anchorage points : 2 | Weight : 2,7 kg

⊕ Certification above the maximum rated load of 100 kg: product certified at 150 kg

Grey-Yellow
XS → XL/XXL



LYNX HAR35R

5 X

CE Category III **EN361** 150 kg

EN358 **EN813** 150 kg

Technical harness with a new architecture designed to optimise the ergonomics of rope workers
Composition of the main support : Aluminum - Polyester | Number of automatic loops : 2 | Number of non-removable buckles : 4 | Anti-fall point : 2 - Dorsal - Sternal | Holding point : 2 - Belt | Suspension point : 1 - Ventral | Number of fall arrest anchorage points : 2 | Weight : 2,5 kg

⊕ Certification above the maximum rated load of 100 kg: product certified at 150 kg

Grey-Yellow
S/M/L → XL/XXL



REVOLIN HAR35M

5 X

CE Category III **EN361** 150 kg

EN358

High quality belt harness with comfort foams and automatic buckles for optimal fit and comfort
Composition of the main support : Aluminum - Polyester | Number of automatic loops : 4 | Number of non-removable buckles : 2 | Anti-fall point : 2 - Dorsal - Sternal | Holding point : 2 - Belt - Rear waistbelt - Lateral | 120° rotation | Number of fall arrest anchorage points : 2 | Weight : 2 kg

⊕ Ergonomic design facilitating user movements

Grey-Yellow
S/M/L → XL/XXL



TIVANO HAR32M

5 X

CE Category III **EN361** 150 kg

High quality harness with comfort foam and automatic buckles for optimal fit and comfort
Composition of the main support : Aluminum - Polyester | Number of automatic loops : 3 | Number of non-removable buckles : 2 | Anti-fall point : 2 - Dorsal - Sternal | Number of fall arrest anchorage points : 2 | Weight : 1,4 kg

⊕ Ergonomic design facilitating user movements

Category III **EN361** 140 kg

EN358

X 5

HAR44EL

Insulating harness with positioning belt against electrical risks
Composition of the main support : Steel - Plastic - Polyester | Manual loop | Anti-fall point : 2 - Dorsal - Sternal | Holding point : 2 - Belt | 180° rotation | Number of fall arrest anchorage points : 2 | Weight : 2 kg

⊕ Thermoformed belt for optimal lumbar support and comfort

Black-Grey
S/M/L → XL/XXL



Category III **EN361** 140 kg

X 5

HAR42EL

Insulating harness against electrical risks
Composition of the main support : Steel - Plastic - Polyester | Anti-fall point : 2 - Dorsal - Sternal | Number of fall arrest anchorage points : 2 | Weight : 0,922 kg

⊕ Certification above the maximum rated load of 100 kg: product certified at 140 kg

Black-Grey
S/M/L → XL/XXL



Category III **EN361** 150 kg

X 5

X-TREM LIGHT HAR22X

The lightest innovative harness on the market with no metal parts
Composition of the main support : Polyester - Steel with plastic overmolded | Manual loop | Anti-fall point : 2 - Dorsal - Sternal | Number of fall arrest anchorage points : 2 | Weight : 0,580 kg

⊕ Ergonomic design facilitating user movements

Black
S/M/L → XL/XXL



Black
S/M/L → XL/XXL



HAR25HA

5 X

CE Category III **EN361** 150 kg

EN358 150 kg

Ergonomic harness with belt, with an extension strap for easy evacuation in confined spaces.
Composition of the main support : Steel - Polyester | Automatic loop | Number of automatic loops : 4 | Anti-fall point : 2 - Dorsal - Sternal | Holding point : 2 - Belt | Number of fall arrest anchorage points : 2 | Weight : 1,9 kg

⊕ Extension tab for easy victim evacuation and rescue

Black
S/M/L → XL/XXL



HAR24HA

5 X

CE Category III **EN361** 150 kg

EN358 150 kg

Ergonomic harness with belt for maximum freedom of movement, 2 anchorage points and automatic buckles
Composition of the main support : Steel - Polyester | Automatic loop | Anti-fall point : 2 - Dorsal - Sternal | Holding point : 2 - Belt | Number of fall arrest anchorage points : 2 | Weight : 1,7 kg

⊕ Specifically designed leg straps providing freedom of movement for long working days

Black
S/M/L → XL/XXL



HAR24H

5 X

CE Category III **EN361** 150 kg

EN358 150 kg

Ergonomic harness with positioning belt for maximum freedom of movement
Composition of the main support : Steel - Polyester | Manual loop | Anti-fall point : 2 - Dorsal - Sternal | Holding point : 2 - Belt | Number of fall arrest anchorage points : 2 | Weight : 1,7 kg

⊕ Specifically designed leg straps providing freedom of movement for long working days

CE Category III **EN361**
150 kg

X 5

HAR23H

Ergonomic harness for maximum freedom of movement with 3 separate anchorage points
Composition of the main support : Steel - Polyester | Manual loop | Anti-fall point : 3 - Dorsal - Sternal | Number of fall arrest anchorage points : 3 | Weight : 1,4 kg

⊕ Specifically designed leg straps providing freedom of movement for long working days

Black
S/M/L → XL/XXL



CE Category III **EN361**
150 kg

X 5

HAR22HA

Ergonomic harness for maximum freedom of movement, with 2 anchorage points and automatic buckles
Composition of the main support : Steel - Polyester | Automatic loop | Anti-fall point : 2 - Dorsal - Sternal | Number of fall arrest anchorage points : 2 | Weight : 1,5 kg

⊕ Specifically designed leg straps providing freedom of movement for long working days

Black
S/M/L → XL/XXL



CE Category III **EN361**
150 kg

X 5

HAR22H

Ergonomic harness for maximum freedom of movement with 2 anchorage points
Composition of the main support : Steel - Polyester | Manual loop | Anti-fall point : 2 - Dorsal - Sternal | Number of fall arrest anchorage points : 2 | Weight : 1,2 kg

⊕ Specifically designed leg straps providing freedom of movement for long working days

Black
S/M/L → XL/XXL



CE Category III **EN358**
150 kg

X 5

EX220

Wide positioning belt for increased comfort when working at a height for long periods
Composition of the main support : Galvanized steel - Steel - Polyester | Holding point : 2 - Belt | 180° rotation | Adjustment loop | Number of fall arrest anchorage points : 2 | Weight : 0,712 kg

⊕ Ergonomic design facilitating user movements

Black-Orange
S/M/L → XL/XXL



Orange
S/M/L → XL/XXL



HAR14

10 X

CE Category III

EN361
140 kg

EN358

Harness with two-coloured straps for intuitive fitting with positioning belt, for occasional use
Composition of the main support : Steel - Polyester | Manual loop | Anti-fall point : 2 - Dorsal - Sternal | Holding point : 2 - Belt | 2 adjustable lateral plates | Number of fall arrest anchorage points : 2 | Weight : 1,1 kg

⊕ Two-tone strap for easy harness fitting

Black
S/M/L → XL/XXL



HAR12GILNO

10 X

CE Category III

EN361
140 kg

Harness with integrated black work waistcoat for safe working
Composition of the main support : Steel - Polyester | Anti-fall point : 2 - Dorsal - Sternal | Adjustable size by zip | Number of fall arrest anchorage points : 2 | Weight : 1,1 kg

⊕ Two-tone strap for easy harness fitting



Fluorescent orange

Fluorescent yellow



HARVESGI

10 X

CE Category III

EN ISO 20471
Class 1

High visibility vest adaptable to all harnesses (except rope work), signalling workers at height
Composition of the main support : 80% polyester - 20% cotton | Compatibility : Compatible with all kind of harnesses

⊕ Compatible with all kind of harnesses

CE Category III **EN361**
140 kg

X 10

HAR12

Harness with 2 anchorage points and two-coloured straps for intuitive fitting, for occasional utilization
Composition of the main support : Steel - Polyester | Manual loop - Steel | Anti-fall point : 2 - Dorsal - Sternal | 2 adjustable lateral plates | Number of fall arrest anchorage points : 2 | Weight : 0,730 kg

⊕ Two-tone strap for easy harness fitting

Orange
S/M/L → XL/XXL



CE Category III **EN361**
140 kg

X 10

HAR11

Harness with 1 anchorage point and two-tone straps for intuitive fitting, for occasional utilization
Composition of the main support : Steel - Polyester | Manual loop | Anti-fall point : 1 - Dorsal | 2 adjustable lateral plates | Weight : 0,640 kg

⊕ Two-tone strap for easy harness fitting

Orange
S/M/L → XL/XXL



CE Category III **EN358**
140 kg

X 10

EX120

2-point positioning belt, limiting stress on the hips and providing increased comfort
Composition of the main support : Galvanized steel - Steel - Polyester | Manual loop | Holding point : 2 - Belt | Adjustment loop | Number of fall arrest anchorage points : 2 | Weight : 0,400 kg

⊕ Thermoformed belt for optimal lumbar support and comfort

Black-Orange



Black



MINIBLOC AN101S25

1 X

Lightweight and compact webbing retractor for short distances
Composition of the main support : ABS - Steel - Polyester | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 1.9 kg

CE Category III

EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

Black



MEDBLOC AN108S06

1 X

Self-retractable webbing fall arrester for vertical and horizontal use, for distances of up to 6 metres
Composition of the main support : ABS - Steel - Polyester | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 1,9 kg

CE Category III

EN360:2023
130 kg
130 kg (Maximum rated load)
50 kg (Minimum nominal load)
F1 | Use: vertical

Black



MAXIBLOC AN109C06

1 X

Lightweight and compact self-retractable cable fall arrester for easy installation and use for distances of up to 6 metres
Composition of the main support : ABS - Galvanized steel | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 3,61 kg

CE Category III

EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

Black



MAXIBLOC AN109C10

1 X

Lightweight and compact self-retractable cable fall arrester for easy installation and use for distances of up to 10 metres
Composition of the main support : ABS - Galvanized steel | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 4,25 kg

CE Category III

EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

Black



MAXIBLOC AN109C15

1 X

Lightweight and compact self-retractable cable fall arrester for easy installation and use for distances of up to 15 metres
Composition of the main support : ABS - Galvanized steel | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 4,56 kg

CE Category III

EN360:2023
150 kg
50 kg (Minimum nominal load)
F0 | Use: vertical

Orange



ANCOV

2 X

Protection for self retractable devices

CE Category III
EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

X 1

PROTECTOR ROUND AN181C06

Self-retractable cable fall arrester with carry handle to ease transportation and installation for distances of up to 6 metres
Composition of the main support : ABS - Steel - Stainless steel | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 5.6 kg

Black-Orange



CE Category III
EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

X 1

PROTECTOR ROUND AN181C10

Self-retractable cable fall arrester with carry handle to ease transportation and installation for distances of up to 10 metres
Composition of the main support : ABS - Steel - Stainless steel | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 5.8 kg

Black-Orange



CE Category III
EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

X 1

PROTECTOR ROUND AN181C15

Self-retractable cable fall arrester with carry handle to ease transportation and installation for distances of up to 15 metres
Composition of the main support : ABS - Steel - Stainless steel | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 6.5 kg

Black-Orange



CE Category III
EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

X 1

PROTECTOR LARGE AN181C20

Self retractable lanyard of 20 metres with a carrying handle to make it easier to transport and set up
Composition of the main support : ABS - Steel - Stainless steel | Type of opening : Double action opening | Weight : 15,50 kg

Black-Orange



CE Category III
EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

X 1

PROTECTOR LARGE AN181C30

Self retractable lanyard of 30 metres with a carrying handle to make it easier to transport and set up
Composition of the main support : ABS - Steel - Stainless steel | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 13,40 kg

Black-Orange



Black-Orange



PROTECTOR ELEVATOR AN181CW20

1 X

20 metres self retractable fall arrester with rescue option for victim recovery
Composition of the main support : ABS - Steel - Stainless steel | For confined space | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 13,9 kg

CE Category III

EN1496
Class A
130 kg

EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

Black-Orange



PROTECTOR ELEVATOR AN181CW28

1 X

28 metres self retractable fall arrester with rescue option for victim recovery
Composition of the main support : ABS - Steel - Stainless steel | For confined space | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 14 kg

CE Category III

EN1496
Class A
130 kg

EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

Black-Orange



PROTECTOR EXTRALARGE AN191CX40

1 X

Self-retractable fall arrester in stainless steel cable for long distances of up to 40 metres
Composition of the main support : ABS - Stainless steel | Weight : 21.1 kg

CE Category III

EN360:2023
100 kg
100 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

Black-Orange



PROTECTOR EXTRALARGE AN191CX60

1 X

Self-retractable fall arrester in stainless steel cable for long distances of up to 60 metres
Composition of the main support : ABS - Stainless steel | Weight : 30.5 kg

CE Category III

EN360:2023
100 kg
100 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

Steel



TR00520

1 X

Load manual winch, with 20 m cable, adaptable to our tripods and davit arm
Composition of the main support : Galvanized steel | Safe working load : 250 kg

CE Category III

2006/42/EEC

Steel



TR00530

1 X

Load manual winch, with 30 m cable, adaptable to our tripods and davit arm
Composition of the main support : Galvanized steel | Safe working load : 250 kg

CE Category III

2006/42/EEC

CE Category III **2006/42/EEC**

X 1

PROTECTOR LOAD AN517

Load fall arrester for securing a load of 250 kg with a cable course of 10 metres
Composition of the main support : ABS - Galvanized steel | Safe working load : 250 kg | Weight : 5,1 kg

⊕ Impact-resistant ABS housing

Black



CE Category III **2006/42/EEC**

X 1

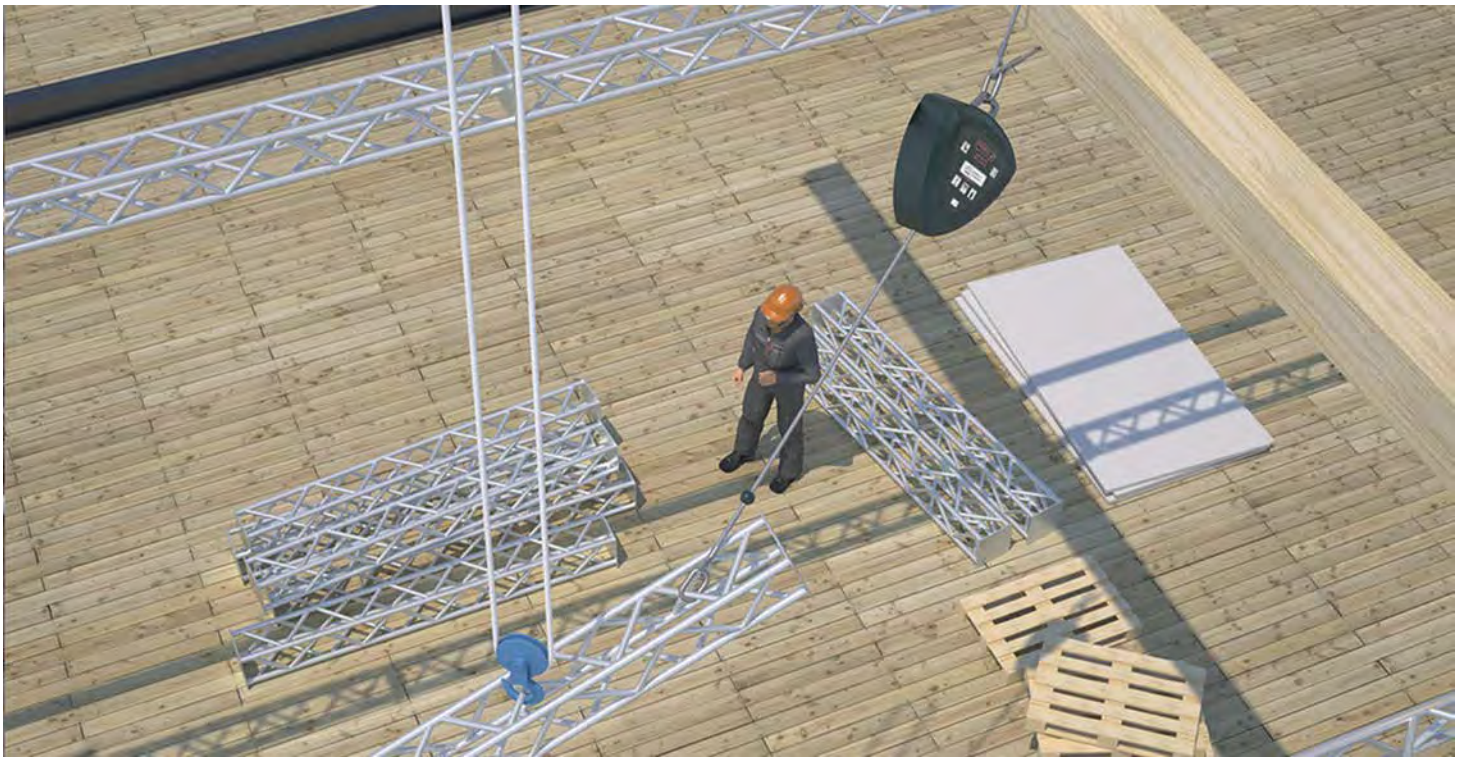
PROTECTOR LOAD AN518

Load fall arrester for securing a load of 250 kg with a cable course of 15 metres
Composition of the main support : ABS - Galvanized steel | Safe working load : 250 kg | Weight : 5,9 kg

⊕ Impact-resistant ABS housing

Black





Black-Red



AN245200PRR

5 X

Double lanyard with dielectric energy absorber made of elastic webbing, allowing protection against electrical risks
Composition of the main support : Polyester - Steel with plastic overmolded | 2 sewn thimble loops | Minimum lanyard size : 1,4 m | Maximum lanyard size : 2 m | Length : 2 m | Weight : 1,9 kg

CE Category III **EN355** 140 kg

⊕ Certification above the maximum rated load of 100 kg: product certified at 140 kg

Black-Red



AN235200PR

5 X

Lanyard with dielectric energy absorber made of elastic webbing, allowing protection against electrical risks
Composition of the main support : Polyester - Steel with plastic overmolded | 2 sewn thimble loops | Minimum lanyard size : 1,4 m | Maximum lanyard size : 2 m | Length : 2 m | Weight : 1,2 kg

CE Category III **EN355** 140 kg

⊕ Certification above the maximum rated load of 100 kg: product certified at 140 kg

Black-Orange



AN245200ADD

5 X

Double energy absorbing lanyard made of lightweight elastic webbing, providing freedom of movement
Composition of the main support : Steel - Polyester | 2 thimble ferrule loops | Minimum lanyard size : 1,4 m | Maximum lanyard size : 2 m | Length : 2 m | Weight : 1,67 kg

CE Category III **EN355** Horizontal certification - 140 kg RFU 11.062 140 kg

⊕ Elastic strap lanyard for easy movement and safety

Black-Orange



AN235200AD

5 X

Energy absorbing lanyard made of lightweight elastic webbing, providing freedom of movement
Composition of the main support : Steel - Polyester | 2 sewn thimble loops | Minimum lanyard size : 1,4 m | Maximum lanyard size : 2 m | Length : 2 m | Weight : 1,07 kg

CE Category III **EN355** Horizontal certification - 140 kg RFU 11.062 140 kg

⊕ Harnesses and textiles can be washed with neutral soap

CE Category III **EN355**
Horizontal certification - 140 kg
RFU 11.062
140 kg

X 5

AN218R2ADD

White-Black

Energy absorbing lanyard with adjustable length allowing the length to be adjusted and therefore reducing the air draft, if necessary
Composition of the main support : Steel - Polyamide - Polyester | 1 loop sewn thimble | Adjustable by means of a reducing loop on the rope | Minimum lanyard size : 1,5 m | Maximum lanyard size : 2 m | Length : 2 m | Weight : 1,97 kg



⊕ Certification above the maximum rated load of 100 kg: product certified at 140 kg

CE Category III **EN355**
Horizontal certification - 140 kg
RFU 11.062
140 kg

X 5

AN208R2AD

White-Black

Adjustable energy absorbing lanyard allowing the length of the lanyard to be adjusted and therefore reducing the air draft, if necessary
Composition of the main support : Galvanized steel - Polyester | 1 loop sewn thimble | Adjustable by means of a reducing loop on the rope | Minimum lanyard size : 1,5 m | Maximum lanyard size : 2 m | Length : 2 m | Weight : 1,27 kg



⊕ Certification above the maximum rated load of 100 kg: product certified at 140 kg

CE Category III **EN355**
Horizontal certification - 140 kg
RFU 11.062
140 kg

X 5

AN217200ADD

White-Black

Compact, energy-absorbing lanyard, tested on sharp edges guaranteeing freedom of movement for short distances
Composition of the main support : Steel - Polyamide - Polyester | 3 sewn thimble loops | Length : 2 m | Weight : 1,7 kg



⊕ Certification above the maximum rated load of 100 kg: product certified at 140 kg

CE Category III **EN355**
Horizontal certification - 140 kg
RFU 11.062
140 kg

X 5

AN207200AD

White-Black

Compact, energy-absorbing lanyard tested on sharp edges for various movements for short distances
Composition of the main support : Steel - Polyamide - Polyester | 2 sewn thimble loops | Maximum lanyard size : 2 m | Length : 2 m | Weight : 1,1 kg



⊕ Certification above the maximum rated load of 100 kg: product certified at 140 kg

Orange



AN203200ZZ

5 X

Energy absorbing lanyard made of high impact webbing, for short trips
Composition of the main support : Steel - Polyester | 2 sewn thimble loops | Length : 2 m | Weight : 0,668 kg

CE Category III

EN355
Horizontal certification - 140 kg
RFU 11.062
140 kg

⊕ Strap with improved abrasion resistance and certified for use on sharp edges

Orange



AN203100ZZ

5 X

Compact energy absorbing lanyard made of high impact webbing to reduce the user's draught
Composition of the main support : Steel - Polyester | 2 sewn thimble loops | Maximum lanyard size : 1 m | Length : 1 m | Weight : 0,600 kg

CE Category III

EN355
Horizontal certification - 140 kg
RFU 11.062
140 kg

⊕ Strap with improved abrasion resistance and certified for use on sharp edges

Orange



AN203200ZD

5 X

Energy absorbing lanyard made of high impact webbing, for short trips
Composition of the main support : Polyester | Gate opening : 55 | 2 sewn thimble loops | Length : 2 m | Weight : 1 kg

CE Category III

EN355
Horizontal certification - 140 kg
RFU 11.062
140 kg

⊕ Strap with improved abrasion resistance and certified for use on sharp edges

Orange



AN213200ZZZ

5 X

Double energy absorbing lanyard, made of high-impact webbing, for short distances
Composition of the main support : Steel - Polyester | 2 sewn thimble loops | Maximum lanyard size : 2 m | Length : 2 m | Weight : 0,668 kg

CE Category III

EN355
Horizontal certification - 140 kg
RFU 11.062
140 kg

⊕ Strap with improved abrasion resistance and certified for use on sharp edges

CE Category III **EN355**
Horizontal certification - 140 kg
RFU 11.062
140 kg

X 5

AN213200ZDD

Orange

Double energy absorbing lanyard, made of high impact webbing, with 2 wide opening hooks, for short distances
Composition of the main support : Steel - Polyester | 2 sewn thimble loops | Maximum lanyard size : 2 m | Length : 2 m | Weight : 1,6 kg



⊕ Strap with improved abrasion resistance and certified for use on sharp edges

CE Category III **EN355**
Horizontal certification - 140 kg
RFU 11.062
140 kg

X 5

AN213150ZDD

Orange

Double energy-absorbing lanyard in high-strength webbing for short movements.
Composition of the main support : Steel - Polyester | 2 sewn thimble loops | Maximum lanyard size : 1,5 m | Length : 1,5 m | Weight : 1,4 kg



⊕ Strap with improved abrasion resistance and certified for use on sharp edges

CE Category III **EN355**
Horizontal certification - 140 kg
RFU 11.062
140 kg

X 5

AN213100ZDD

Orange

Double energy absorbing lanyard, made of high-impact webbing, for short distances
Composition of the main support : Steel - Polyester | 2 sewn thimble loops | Maximum lanyard size : 1 m | Length : 1 m | Weight : 1,3 kg



⊕ Strap with improved abrasion resistance and certified for use on sharp edges

White-Black



AN06410B

5 X

CE Category III **EN353-2** 120 kg

Sliding fall arrest sytem already mounted on its braided rope which makes it easy to set it up and follow-up for the user over a length 10 metres
Composition of the main support : Steel - Stainless steel - Polyamide | 1 loop sewn thimble | Type of opening : Non-opening | Length : 10 m | Weight : 1,805 kg

⊕ NFC system guarantees traceability

White-Black



AN06420B

5 X

CE Category III **EN353-2** 120 kg

Sliding fall arrest system already mounted on its braided rope which makes it easy to set it up and follow-up for the user over a length of 20 metres
Composition of the main support : Steel - Stainless steel - Polyamide | 1 loop sewn thimble | Type of opening : Non-opening | Length : 20 m | Weight : 2,850 kg

⊕ NFC system guarantees traceability

White-Black



AN06430B

5 X

CE Category III **EN353-2** 120 kg

Sliding fall arrest system already mounted on its braided rope which makes it easy to set it up and follow up for the user over a length of 30 metres
Composition of the main support : Steel - Stainless steel - Polyamide | 1 loop sewn thimble | Type of opening : Non-opening | Length : 30 m | Weight : 3,8 kg

⊕ NFC system guarantees traceability

Category III **EN 12841** Type A Type B
EN353-2
100 kg

X 5

CAMELEON AN066A

Grey-Orange

Sliding fall arrest system with energy absorber that facilitates the user's movements
Composition of the main support : Steel - Stainless steel - Polyester - Polyethylene | With extension tab with energy absorber |
Included elements : With extension tab with energy absorber |
Weight : 0,706 kg





Category III **EN 12841** Type A Type B
EN353-2
100 kg

X 5

CAMELEON AN066

Grey-Orange

Lightweight, compact, sliding fall arrest system for 10.5 mm braided ropes, can also be used as a rope clamp
Composition of the main support : Steel - Plastic | Weight : 0,300 kg





Category III **EN 12841** Type A
EN353-2

X 5

AN410

White

10 metre anchorage line in 10.5 mm braided rope for use with the AN068 and AN066 sliding fall arrest systems for long distances
Composition of the main support : Steel - Polyamide - Rubber | 1 loop sewn thimble | AN066 counterweight | Length : 10 m |
Included elements : AN066 counterweight | Weight : 1,4 kg



Category III **EN 12841** Type A
EN353-2

X 5

AN420

White

20 metre anchorage line in 10.5 mm braided rope for use with the AN068 and AN066 sliding fall arrest systems for long distances
Composition of the main support : Steel - Polyamide - Rubber | 1 loop sewn thimble | AN066 counterweight | Length : 20 m |
Included elements : AN066 counterweight | Weight : 2,1 kg



Category III **EN 12841** Type A
EN353-2

X 5

AN430

White

30 metre anchorage line in 10.5 mm braided rope for use with the AN068 and AN066 sliding fall arrest systems for long distances
Composition of the main support : Steel - Polyamide - Rubber | 1 loop sewn thimble | AN066 counterweight | Length : 30 m |
Included elements : AN066 counterweight | Weight : 2,9 kg



Category III **EN 12841** Type A
EN353-2

X 1

AN401

White

10.5 mm braided rope anchorage line sold by the metre for use with the AN068 and AN066 sliding fall arrest systems for long distances
Composition of the main support : Polyamide | 1 loop sewn thimble



Steel





ASCORD AN065

5 X

CE Category III **EN353-2**
Maximum rated load: 100

Lightweight and compact sliding fall arrest system for use on 14 mm stranded ropes
Composition of the main support : Stainless steel | Type of opening : Opening | Weight : 0,764 kg

⊕ Visual fall indicator for instant verification that the product is working properly

White





AN30010

10 X

CE Category III **EN353-2**

10 metre anchorage line made from 14 mm stranded rope for use with the AN065 sliding fall arrest system for long distances
Composition of the main support : Polyamide | End spliced with thimble loop | Length : 10 m | Weight : 1,6 kg

White





AN30020

5 X

CE Category III **EN353-2**

20 metre anchorage line made from 14 mm stranded rope for use with the AN065 sliding fall arrest system for long distances
Composition of the main support : Polyamide | End spliced with thimble loop | Length : 20 m | Weight : 3 kg

White





AN30030

5 X

CE Category III **EN353-2**

30 metre anchorage line made from 14 mm stranded rope for use with the AN065 sliding fall arrest system for long distances
Composition of the main support : Polyamide | End spliced with thimble loop | Length : 30 m | Weight : 4,1 kg

CE Category III **EN353-2**

X 10

FENNEC AN06310

White-Black

Sliding fall arrest system already mounted on its rope which makes it easy to set it up for occasional users over a length of 10 metres Composition of the main support : Steel - Stainless steel - Polyamide | 1 loop spliced on high end | Wear indicator | Type of opening : Non-opening | Length : 10 m | Included elements : Wear indicator | Weight : 1,3 kg

⊕ NFC system guarantees traceability



CE Category III **EN353-2**
100 kg | Maximum rated load: 100

X 5

FENNEC AN06320

White

Sliding fall arrest system already mounted on its rope which makes it easy to set it up for occasional users over a length of 20 metres Composition of the main support : Steel - Stainless steel - Polyamide | 1 loop spliced on high end | Wear indicator | Type of opening : Non-opening | Length : 20 m | Included elements : Wear indicator | Weight : 2,3 kg

⊕ NFC system guarantees traceability



CE Category III **EN353-2**
100 kg | Maximum rated load: 100

X 5

FENNEC AN06330

White-Black

Sliding fall arrest system already mounted on its rope which makes it easy to set it up for occasional users over a length of 30 metres Composition of the main support : Steel - Stainless steel - Polyamide | 1 loop spliced on high end | Wear indicator | Type of opening : Non-opening | Length : 30 m | Included elements : Wear indicator | Weight : 3,4 kg

⊕ NFC system guarantees traceability



Grey-Red



ASCAB AN071

5 X

CE Category III **EN353-1**

Sliding fall arrest system for movement on 8 mm cable
Composition of the main support : Steel - Stainless steel | With extension tab with energy absorber | Type of opening : Opening | Included elements : With extension tab with energy absorber | Weight : 0,900 kg

Steel



ASCAB AN025

1 X

Cable per linear metre for vertical lifeline
Composition of the main support : Stainless steel | Weight : 0,25 kg

Steel



ASCAB AN024

1 X

Manufactured cable end
Composition of the main support : Steel - Stainless steel | 1 thimble sleeve loop | Weight : 0,25 kg

Steel





AN801

6 X

EN 795
Type A

Adaptable attachment kit for ladder lifeline
Composition of the main support : Stainless steel | Universal anchorage | Included elements : Universal anchorage | Weight : 4,2 kg

Steel





AN802

12 X

CE Category III

Intermediate lifeline feedthrough for better cable orientation
Composition of the main support : Stainless steel | Recommended at least every 8 m | Universal anchorage | Included elements : Universal anchorage | Weight : 1,3 kg

CE Category III **EN358**

X 5

EX030400

White

4 metre positioning lanyard, allowing for smooth and optimal adjustment, with optional locking system
Composition of the main support : Polyamide | Length : 4 m | Weight : 1,2 kg



CE Category III **EN358**

X 5

EX030200

White

2 metre positioning lanyard, allowing for smooth and optimal adjustment, with optional locking system
Composition of the main support : Polyamide | Type of opening : Non-opening | Length : 2 m



CE Category III **EN358**

X 5

EX118

Orange

Robust and efficient positioning lanyard with a protective sheath for intensive use and a longer service life
Composition of the main support : Polyester | Available 2 m and 4 m



CE Category III **EN358**

X 15

EX021

White

Positioning lanyard for simple and effective adjustment, suitable for all budgets
Composition of the main support : Polyamide | Adjustable by means of a reducing loop on the rope | Length : 2 m | Weight : 0,306 kg



Black-Orange



LV102150

15 X

Category III **EN354**

EN 795
Type B

Anchorage strap that can also be used as an evacuation strap, to be connected to the harness's D-ring - 1,5m
Composition of the main support : Steel - Polyester | Loop with shrinkage | Length : 1,5 m | Weight : 0,277 kg

⊕ High webbing tenacity thanks to its weave and width

Black-Orange



LV102100

15 X

Category III **EN354**

EN 795
Type B

Anchorage strap that can also be used as an evacuation strap, to be connected to the harness's D-ring - 1m
Composition of the main support : Steel - Polyester | Loop with shrinkage | Length : 1 m | Weight : 0,222 kg

⊕ High webbing tenacity thanks to its weave and width

Black-Orange





LV102050

15 X

Category III **EN354**

EN 795
Type B

Anchorage strap that can also be used as an evacuation strap, to be connected to the harness's D-ring - 0,5m
Composition of the main support : Steel - Polyester | Loop with shrinkage | Length : 0,5 m | Weight : 0,300 kg

⊕ High webbing tenacity thanks to its weave and width

Category III **EN354**

EN 795
Type B

X 15

LO030200

2 metre webbing lanyard and anchorage point, allowing maximum versatility
Composition of the main support : Polyester | 2 sewn loops |
Length : 2 m | Weight : 0,218 kg

Black-Orange



Category III **EN354**

EN 795
Type B

X 15

LO030150

1.5 metre webbing lanyard and anchorage point, allowing maximum versatility
Composition of the main support : Polyester | 2 sewn loops |
Length : 1,5 m | Weight : 0,187 kg

Black-Orange



Category III **EN354**

EN 795
Type B

X 15

LO030100

1 metre webbing lanyard and anchorage point, allowing maximum versatility
Composition of the main support : Polyester | 2 sewn loops |
Length : 1 m | Weight : 0,070 kg

Black-Orange



Category III **EN354**

EN 795
Type B

X 0

LO034100

Sewn sling facilitates the anchorage , easy to install, available in 2 colours to identify the lenght
Composition of the main support : Polyester | Weight : 0,65 kg

Black-Yellow





Category III **EN354**

EN 795
Type B

X 10

LO034160

Sewn sling facilitates the anchorage , easy to install, available in 2 colours to identify the lenght
Composition of the main support : Polyester

Black-Orange





Steel



LV106

10 X

Swivel anchor for vertical or horizontal installation
Composition of the main support : Stainless steel | Weight : 0,100 kg

CE Category III **EN 795** Type A

Steel

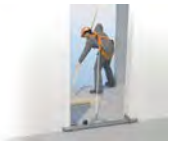


LV105

10 X

Stainless steel anchorage rod for sealing to prevent corrosion
Composition of the main support : Stainless steel | Length : 0,14 m | Weight : 0,174 kg

Steel





DAYAK LV120G

1 X

Anchoring bar for doors to secure 2 people, easy to install
Composition of the main support : Galvanized steel | For door frame or window from 63 to 123 cm | Weight : 5,99 kg

CE Category III **EN 795** Type B

TS16415
2

Steel



LV100

10 X

Easy to install, durable anchorage mounting plate
Composition of the main support : Stainless steel | Weight : 0,046 kg

CE Category III **EN 795** Type A

Steel





IPN LV130

4 X

Temporary anchorage device for IPN structures with wheels that allow the anchorage to be slid away
Composition of the main support : Aluminum - Steel - Stainless steel - Polyester | For beams of width 76 to 255 mm | Weight : 4,251 kg

CE Category III **EN 795** Type B

Steel



AM007

5 X

Steel sling covered with a protective sheath, designed for structures with sharp angles
Composition of the main support : Steel | 2 thimble ferrule loops | protective sheath | Length : 1 m | Included elements : protective sheath | Weight : 0,600 kg

CE Category III **EN354**

EN 795
Type B

CE Category III **EN 795** Type B Type C

TS16415 2

X 1

SPEEDLINE LV201

2 to 20 metre long temporary webbing lifeline, allowing to secure 2 simultaneous users, very easy to install with tensioner
Composition of the main support : Polyester | Length : 20 m | Weight : 3,8 kg

Yellow





CE Category III **EN 795** Type B Type C

X 1

LV301

11 metre single-section cable lifeline, easy to install with tensioner
Composition of the main support : Stainless steel | Length : 12 m | Weight : 6,4 kg

Steel



CE Category III

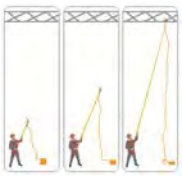
X 1

LV400

Telescopic pole with 5 sections for remote securing from the ground (2 to 8 metres)
Composition of the main support : Glass Fiber | Weight : 5 kg

Red-Fluorescent yellow





CE Category III **EN 362** Class A

EN 795 Type B

X 10

LV401

Hook that fits on the LV400 pole allowing automatic locking
Composition of the main support : Aluminum | Gate opening : 90 | Major axis strength : 23 | Type of opening : Double action opening | Weight : 1,100 kg

Steel





CE Category III

X 1

LV403

Telescopic pole with three 1, 2 or 3 metre long sections
Composition of the main support : Glass Fiber | Weight : 4 kg

Red-Fluorescent yellow





CE Category III

X 10

LV402

Adapter for connector used with rescue poles
Composition of the main support : Steel | Weight : 0,362 kg

Steel





White



LO147150CDD

5 X

CE Category III **EN354**

1.5 metre double lanyard with large opening connector, for maximum versatility and connection to any type of structure
Composition of the main support : Steel - Polyamide | 1 loop sewn thimble | Length : 1,5 m | Weight : 1,4 kg

White



LO147150

15 X

CE Category III **EN354**

1.5 metre double, braided rope lanyard with thimble loop ends for maximum versatility
Composition of the main support : Polyamide | 2 sewn thimble loops | Length : 1,5 m | Weight : 0,264 kg

White



LO047150AD

5 X

CE Category III **EN354**

1.5 metre lanyard with large opening connector, for maximum versatility and connection to any type of structure
Composition of the main support : Polyamide | 2 sewn thimble loops | Length : 1,5 m | Weight : 0,802 kg

White



LO045200

15 X

CE Category III **EN354**

2 metre braided rope lanyard with thimble loop ends for maximum versatility
Composition of the main support : Polyamide | 2 sewn thimble loops | Length : 2 m | Weight : 0,188 kg

White



LO047150

15 X

CE Category III **EN354**

1.5 metre braided rope lanyard with thimble loop ends for maximum versatility
Composition of the main support : Polyamide | 2 sewn thimble loops | Length : 1,5 m | Weight : 0,150 kg

White



LO047100

15 X

CE Category III **EN354**

1 metre braided rope lanyard with thimble loop ends for maximum versatility
Composition of the main support : Polyamide | 2 sewn thimble loops | Length : 1 m | Weight : 0,116 kg

CE Category III **EN354**

X 15

LO007150CD

White

1.5 metre lanyard with large opening connector, for maximum versatility and connection to any type of structure
Composition of the main support : Steel - Polyamide | End spliced with thimble loop | Length : 1,5 m | Weight : 0,850 kg



CE Category III **EN354**

X 15

LO007150

White

Lanyard with thimble loop ends for maximum versatility
Composition of the main support : Polyamide | End spliced with thimble loop | Length : 1,5 m | Weight : 0,198 kg



CE Category III **EN354**

X 15

LO007100

White

1 metre lanyard with thimble loop ends for maximum versatility
Composition of the main support : Polyamide | End spliced with thimble loop | Length : 1 m | Weight : 0,154 kg



CE Category III **EN354**

X 15

LO005200

White

2 metre lanyard with thimble loop ends for maximum versatility
Composition of the main support : Polyamide | End spliced with thimble loop | Length : 2 m | Weight : 0,260 kg



Black



AM023

20 X

Category III **EN 362** Class B

Triple action 1/4 turn self-locking carabiner.
Composition of the main support : Aluminum | Gate opening : 20 mm | Major axis strength : 25 | Weight : 0,088 kg

Steel



AM025

10 X

Category III **EN 362** Class B

Very light aluminium carabiner with automatic locking system for easy installation
Composition of the main support : Aluminum | Gate opening : 23 | Major axis strength : 25 | Weight : 0,180 kg

Steel



AM018

20 X

Category III **EN 362** Class B

Automatic lock, quarter-turn karabiner for easy opening and reduced risk of mishandling
Composition of the main support : Steel | Gate opening : 19 | Major axis strength : 23 | Length : 0,108 m | Weight : 0,200 kg

Steel



AM002

10 X

Category III **EN 362** Class B

Screw-in carabiner, pack of 5, to suit all budgets
Composition of the main support : Steel | Gate opening : 18 | Major axis strength : 25 | Manual system : Screw | Length : 0,108 m | Weight : 0,802 kg

Category III **EN 362** Class A Class T

EN12275

X 20

AM030

Very light aluminium hook to limit the weight to be carried by the user
Composition of the main support : Aluminum | Gate opening : 25 | Major axis strength : 33 | Length : 0,136 m | Weight : 0,132 kg

Steel



Category III **EN 362** Class A Class T

X 20

AM027

Wide opening karabiner with an eye hook for easy connection to another fall arrest system or anchorage
Composition of the main support : Aluminum | Gate opening : 58 | Major axis strength : 23 | Eye hook opening with latch | Length : 0,239 m | Included elements : Eye hook opening with latch | Weight : 0,240 kg

Steel



Category III **EN 362** Class A

X 10

AM022

Automatic lock karabiner that reduces the risk of mishandling and has a large opening for easy anchoring
Composition of the main support : Steel | Gate opening : 51 | Major axis strength : 25 | Length : 0,215 m | Weight : 1 kg

Steel



Category III **EN 362** Class A Class T

X 20

AM009

Wide opening docking with an eye hook that facilitates anchoring on large structures
Composition of the main support : Steel | Gate opening : 100 | Major axis strength : 23 | Eye hook | Length : 0,50 m | Included elements : Eye hook | Weight : 0,285 kg

Steel



Black
S/M/L → XL/XXL





ELARA380HPF

5 X

CE Category III

EN361
150 kg

EN360
RFU 11.062
140 kg
RFU 11.085
F2

Specific fall arrest kit for nacelles in a ready-to-use bag
This kit contains: 1x HAR22HA, 1x MICROBLOC AN106PF

⊕ Specifically designed leg straps providing freedom of movement for long working days

Black
S/M/L → XL/XXL





ELARA390HV2

5 X

CE Category III

EN361
150 kg

EN355
140 kg

EN 362

Comfort fall arrest kit with ergonomic harness and elastic energy-absorbing lanyard for greater flexibility
This kit contains: 1x AM002, 1x HAR22H, 1x AN235200AD, 1x HA200

⊕ Specifically designed leg straps providing freedom of movement for long working days

Black
S/M/L → XL/XXL





ELARA340HV2

5 X

CE Category III

EN361
150 kg

EN 362

EN 795
Type B

Comfort fall arrest kit with ergonomic harness and self-retractable fall arrester
This kit contains: 1x AM002, 1x AN13006C2, 1x HAR23H, 1x HA200, 1x HAPAD2, 1x LV102100

⊕ Specifically designed leg straps providing freedom of movement for long working days

Black
S/M/L → XL/XXL





ELARA350H

3 X

CE Category III

EN361
150 kg

EN358

EN 362

EN 795
Type B

EN353-2

Fall arrest kit for roofing work
This kit contains: 1x HAR24H, 1x ASCORD AN065, 1x AN30010, 1x EX021, 1x LV102100, 1x HA200, 2x AM002

⊕ Specifically designed leg straps providing freedom of movement for long working days

CE Category III **EN361** 140 kg
EN358 **EN355** 140 kg
EN 362

X 5

ELARA320V2

Orange
S/M/L

Fall arrest kit with two-tone webbing harness and positioning belt for all applications of positioning and climbing on towers
This kit contains: 1x HAR14, 1x EX021, 1x AM002, 1x AN213200ZDD





CE Category III **EN361** 140 kg
EN355 140 kg **EN 362**

X 5

ELARA280V2

Orange
S/M/L

Fall arrest kit with double energy absorbing lanyard for work on scaffolding
This kit contains: 1x HAR12, 1x AN213200ZDD





CE Category III **EN361** 140 kg
EN 362 **EN354**
EN 795 Type B

X 1

ELARA270

Orange
S/M/L

Specific fall-arrest kit for vertical work, with self-retracting fall arrester, lanyard and anchor point
This kit contains: 1x HAR12, 1x AN12010T, 1x LO030200, 2x AM002





CE Category III **EN361** 140 kg
EN 362 Class T **EN353-2** 120 kg

X 5

ELARA180

Orange
S/M/L

Specific fall arrest kit for roofing work
This kit contains: 1x HAR12, 1x AN06410B





CE Category III **EN361** 140 kg
EN 362

X 5

ELARA140V2

Orange
S/M/L → XL/XXL

Fall arrest kit with two-coloured webbing harness and self-retractable webbing fall arrester for short distances
This kit contains: 1x HAR12, 1x AN101S25







Orange
S/M/L → XL/XXL



ELARA170

5 X

Specific fall arrest kit for roofing work
This kit contains: 1x FENNEC AN06320, 1x HAR12, 2x AM002

CE Category III **EN361** 140 kg

EN 362 **EN353-2**



Orange
S/M/L



ELARA150

5 X

Specific fall arrest kit for roofing work
This kit contains: 1x FENNEC AN06310, 1x HAR12, 2x AM002

CE Category III **EN361** 140 kg

EN 362 **EN353-2**



Orange
S/M/L → XL/XXL



ELARA190V2

5 X

First level fall arrest kit for scaffolders
This kit contains: 1x HAR12, 1x AN203200ZD

CE Category III **EN361** 140 kg

EN355 140 kg **EN 362**



Orange
S/M/L → XL/XXL



ELARA160V2

5 X

Fall Arrest Kit with harness and energy-absorbing lanyard, suitable for people within a limited budget.
This kit contains: 1x AM002

CE Category III **EN361**

EN355 140 kg **EN 362**



Orange
S/M/L → XL/XXL



ELARA130V2

5 X

Restraint kit in carry bag, suitable for all budgets
This kit contains: 2x AM002, 1x LO030150, 1x HAR11

CE Category III **EN361** 140 kg

EN 362 **EN354**

EN 795
Type B

CE Category III **EN567**

X 10

TC001

Orange

Opening ventral clamp for maximum versatility on 8 to 13 mm braided rope
Composition of the main support : Aluminum | Works on braided rope | Weight : 0,160 kg



CE Category III **EN567**

X 10

TC002

Blue

Lightweight, easy-to-use right-hand ascender handle
Composition of the main support : Aluminum | Works on braided rope - Right hand | Weight : 0,240 kg



CE Category III **EN567**

X 10

TC003

Orange

Lightweight, easy-to-use left-hand ascender handle
Composition of the main support : Aluminum | Works on braided rope - Left hand | Weight : 0,240 kg



CE Category III

X 10

TC012

Grey

Mono stirrup allowing the user to ascend on a rope
Composition of the main support : Polyester | To pair with TC002 or TC003 | Feature : Mono stirrup | Weight : 0,200 kg



CE Category III **EN 12841** Type C

EN341 Type 2 Class A

X 50

SAFECORD TC007

Black-Orange

Self-locking descender on a multifunctional rope allowing controlled descent, owing to its anti-panic system
Composition of the main support : Aluminum | For ascent and descent | Compatibility : Suitable for inclined surfaces. - Compatible with rescue kits and pulley systems. | Weight : 0,360 kg



Black



DESCORD TC006

50 X

CE Category III **EN 12841** Type C

EN341 Class A

Self-locking descender on a rope allowing controlled descent, owing to its anti-panic system
Composition of the main support : Aluminum | Works on braided rope | Feature : Double security | Weight : 0,360 kg

Aluminium-coloured



TC004

20 X

Mountain Eight for rope work techniques
Composition of the main support : Aluminum | Works on braided rope | Weight : 0.130 kg

Aluminium-coloured



TC044

20 X

CE Category III

Safety figure of 8
Composition of the main support : Aluminum | Works on braided rope | Weight : 0,260 kg

Orange



TC005

10 X

CE Category III **EN12278** 30 kN

Swinging flange pulley, for rope work
Composition of the main support : Aluminum | Works on braided rope | Weight : 0.250 kg

Orange



TC015

10 X

CE Category III **EN12278** 30 kN

Swinging double flange pulley, for rope work
Composition of the main support : Aluminum | Works on braided rope | Weight : 0.430 kg

CE Category III **EN12278** 22 kN

X 10

TC016

Orange

Mini pulley for rope work
Composition of the main support : Aluminum | Works on braided rope - Works on cable | Weight : 0.140 kg



CE Category III **EN12278** 20 kN

X 10

TC025

Orange

Double ball bearing pulley for easy rope travel like a zip line
Composition of the main support : Aluminum | Works on braided rope - For zip lines - Works on cable | Weight : 0,280 kg



CE Category III **EN354**

X 20

TC040

Black-Orange

Double ball-bearing swivel.
Composition of the main support : Aluminum | Weight : 0,160 kg



CE Category III **EN1891** Type A

X 1

TC009

White

Versatile semi-static braided rope for all types of rope work
Composition of the main support : Polyamide | Length : 1 m



X 100

TC029

Orange

Rope guard to prevent rope wear on sharp or roof edges
Composition of the main support : Plastic | Length : 0,35 m | Weight : 0,200 kg



X 5

TC028

Black-Grey

Rope protection support for sharp edges
Composition of the main support : Plastic - Polyester



Steel



GIRAFE TRG20

1 X

CE Category III **EN 795** Type B

Jib crane with folding arm for safety, easy to transport and install for all types of work at height or evacuation
Composition of the main support : Galvanized steel | For confined space | Not included : TRA102 adjuster plate - Base | Weight : 25 kg

Steel



TRG01

1 X

CE Category III

Swivel base on the ground for TRG20
Composition of the main support : Steel | Weight : 16 kg

Steel



TRG02

1 X

CE Category III

Wall rotating base for mobile anchor TRG20
Composition of the main support : Steel | Weight : 19 kg

Steel



TRG03

1 X

CE Category III

Self-supporting base for TRG20 stem
Composition of the main support : Steel | For confined space | Weight : 36 kg

CE Category III **EN 795** Type B

TS16415
3

X 1

TRA20

Aluminium tripod up to 2 metres, lightweight and easy to install for all types of work in confined spaces
Composition of the main support : Aluminum | Wheelbase on ground : 1,89 | Not included : TRA102 adjuster plate - TRA103 step | Weight : 15,3 kg

Aluminium-coloured



CE Category III **EN 795** Type B

TS16415
3

X 1

TRA22

Aluminium tripod up to 2 metres, with 2 support plates, light and easy to install for all types of work in confined spaces
Composition of the main support : Aluminum | Wheelbase on ground : 1,89 | Not included : TRA103 step | Weight : 17,4 kg

Aluminium-coloured



CE Category III **EN 795** Type B

TS16415
3

X 1

TRA30

Aluminium tripod up to 3 metres, lightweight and easy to install for all types of work in confined spaces
Composition of the main support : Aluminum | Wheelbase on ground : 2,62 | Not included : TRA102 adjuster plate - TRA103 step | Weight : 15,30 kg

Aluminium-coloured



CE Category III **EN 795** Type B

TS16415
3

X 1

TRA32

Aluminium tripod up to 3 metres, with 2 support plates, light and easy to install for all types of work in confined spaces
Composition of the main support : Aluminum | Wheelbase on ground : 2,62 | Weight : 22,2 kg

Aluminium-coloured



Aluminium-coloured



TRA102

1 X

CE Category III

Mounting plate for mounting the Protector Elevator or the winch on the tripod
Composition of the main support : Aluminum | For winch | Feature : Tripod mount | Weight : 0,860 kg

Aluminium-coloured



TRA103

1 X

CE Category III

Steps fit over the tripod leg for easy access to the tripod head
Composition of the main support : Stainless steel | Feature : Tripod mount | Weight : 0,500 kg

Black



TRBAG

10 X

Storage bag with wheels for TRIPOD TRA30
Weight : 1,5 kg

Black



TRBAG3

10 X

Storage bag for TRIPOD TRA30
Weight : 1,8 kg

CE Category III **EN1496** Class A 130 kg

EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

X 1

PROTECTOR ELEVATOR AN181CW20

20 metres self retractable fall arrester with rescue option for victim recovery
Composition of the main support : ABS - Steel - Stainless steel | For confined space | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 13,9 kg

⊕ Double swivel for optimum user tracking

Black-Orange



CE Category III **EN1496** Class A 130 kg

EN360:2023
150 kg
150 kg (Maximum rated load)
50 kg (Minimum nominal load)
F0 | Use: vertical

X 1

PROTECTOR ELEVATOR AN181CW28

28 metres self retractable fall arrester with rescue option for victim recovery
Composition of the main support : ABS - Steel - Stainless steel | For confined space | Included energy absorber | Type of opening : Double action opening | Included elements : Included energy absorber | Weight : 14 kg

⊕ Certification above the maximum rated load of 100 kg: product certified at 150 kg

Black-Orange





Black-Orange



TC022

5 X

Practical multi-size evacuation triangle to facilitate the evacuation of the victim
Composition of the main support : Polyester | 12 adjustment points | Compatibility : Fits all body types thanks to its 12 adjustment points | Weight : 1,1 kg

CE Category III **EN1498** Type B

Black



TC104

1 X

Universal rescue stretcher
Composition of the main support : Polyester - Polyethylene | adjustable universal sling | Feature : Foldable | Weight : 18,7 kg

Black-Grey



TC107

5 X

Ergonomic work seat for long suspension rope access works
Composition of the main support : Polyester - Glass Fiber | For vertical movement | Adjustment loop - adjustable universal sling | D-Ring tool holderon both sides | Included elements : D-Ring tool holderon both sides | Weight : 1,420 kg

Black-Orange
S/M/L



RAH33

5 X

Head down harness for descending head down in confined spaces
Anti-fall point : Dorsal - Sternal | Adjustment loop | With rescue strap | Included elements : With rescue strap | Weight : 2 kg

CE Category III **EN361**

EN1498 Type C

Black





RESCUEHUB TC065

1 X

Lightweight, compact rescue and evacuation system with magnetic brake system, certified for 2 people and a maximum load of 225 kg
Composition of the main support : Aluminum - Steel | For 2 people < 225 kg | Feature : Automatic braking system - Rescue equipment with hand wheel | Not included : TC066 rope sold separately | Weight : 3,2 kg

CE Category III **EN1496** Class B 225 kg

EN341 Class A

Black



TC066

1 X

TC066 polyamide rope, flexible and easy to handle, sold by the metre
Composition of the main support : Polyamide | 2 sewn thimble loops

CE Category III **EN1891** Type A

X 25

HA203FS

Black

Ultra-compact anti-compression strap kit in a reusable textile case to limit femoral compression in the event of a fall
Composition of the main support : Polyamide | Carrying case | Included elements : Carrying case | Weight : 0,062 kg



⊕ Helps maintain normal blood circulation after a fall

X 10

HAPAD2

Black

Back comfort pad for harnesses, ensuring excellent breathability and long-lasting use
Composition of the main support : Polyester | Weight : 0,090 kg





X 20

HA200

Black-Orange

Tool holder with extendable strap for optimal storage of various tools
Composition of the main support : Polyamide | Weight : 0,060 kg



CE Category III **EN354**

EN 795
Type B

X 15

LV102050

Black-Orange

Anchorage strap that can also be used as an evacuation strap, to be connected to the harness's D-ring - 0,5m
Composition of the main support : Steel - Polyester | Loop with shrinkage | Length : 0,5 m | Weight : 0,300 kg





X 20

HA204

Black

Ultra compact 1.1 metre retractable tool holder with a capacity of 0.5 kg
Composition of the main support : Elastomer | Length : 1.1 m | Weight : 0,25 kg



Black



HA205

20 X

Compact and comfortable wristband tool holder
Composition of the main support : Polyester | Adjustable with Velcro | Weight : 0,05 kg

Black-Yellow



HA206

20 X

Tool holder with ultra-compact 0.52 metre extendable cable and a capacity of 0.9 kg
Composition of the main support : Elastomer | Compatibility : Can be used with HA205 | Weight : 0,90 kg

⊕ Can be used with HA205

Grey-Yellow



HA207

20 X

Tool holder with ultra-compact 1.35 metre extendable cable and a capacity of 2.2 kg
Composition of the main support : Elastomer | Double carabiners (non PPE) | Included elements : Double carabiners (non PPE) | Weight : 0,05 kg

X 5

TC008

Very convenient PVC canvas bag for your fall arrest devices
Composition of the main support : Plastic | Volume : 42 + 10 L | Weight : 1 kg

Orange



X 20

RA005L

Tool bag, to be attached to the harness so that you do not lose your tools
Composition of the main support : Plastic | Volume : 5,5 l | Compatibility : Connectable to a harness and tool holder | Weight : 0,194 kg

⊕ Connectable to a harness and tool holder

Black-Yellow



X 20

RA038

Very practical PVC canvas bag for your fall arrest system
Composition of the main support : Plastic | Volume : 12,5 + 7,5 L | Weight : 0,512 kg

Orange



X 5

RA008

A sturdy rope bag capable of holding up to 100 metres of 11 mm diameter rope. It features two padded shoulder straps for carrying, as well as two handles to make it easier to carry, and coloured rope loops inside for storing the rope.
Composition of the main support : Plastic | Volume : 30 | Weight : 1 kg

Black





Head protection 332

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Safety eyewear provides protection from spray and splatter from particles, liquids and dust, and chemical fumes and radiation.

HOW TO PROTECT YOURSELF?

Select the most suitable protective glasses or shields

- **Identify the type of risk:** sprays, radiation, other, ...
- **Determine the type of protection:** spectacles-type safety glasses, goggles, face mask, cover goggles, ...
- **Note the protective features:** scratch-resistant, fog-resistant, tinted, ...
- **Select the type of eye-piece:** one-piece or double lens
- **Choose the frame type:** design, classical, ...

STANDARDS

EN ISO 16321-1: General requirements for eye and face protection for occupational use.
EN ISO 16321-2: Additional requirements for eye and face protection for occupational use relating to protectors used for welding and related techniques.

EN166 : applies to all types of individual protection of the eye which protects from hazards likely to damage the eye, except for nuclear radiation, x-rays, laser emissions and infrared emitted by low-temperature sources. Does not apply to eye protection for which separate standards exist (anti-laser eye protection, sunglasses for general use,...).

EN175 : Specifications for the safety requirements for eye and face protection equipment for welding and related techniques (filters frames/ media).

EN169 : Specifications of level numbers and requirements relating to the transmittance of filters to protect operators for welding and related techniques. Specification of requirements for welding filters with double number of levels.

EN170 : Specifications of level numbers and of requirements relating to the transmittance of the filters for protection against ultraviolet radiation.

EN172 : Specification of level numbers and requirements relating to the transmittance of filters for protection against solar radiation, industrial use.

EN379 : Specification of the requirements for automatic welding filters, i.e. welding screens with automatic variation of the transmission factor. These screens are intended to protect operators during welding and related techniques.

EN1731 : Material specifications, design, performance and test methods for eye and face mesh type protective, for professional use.

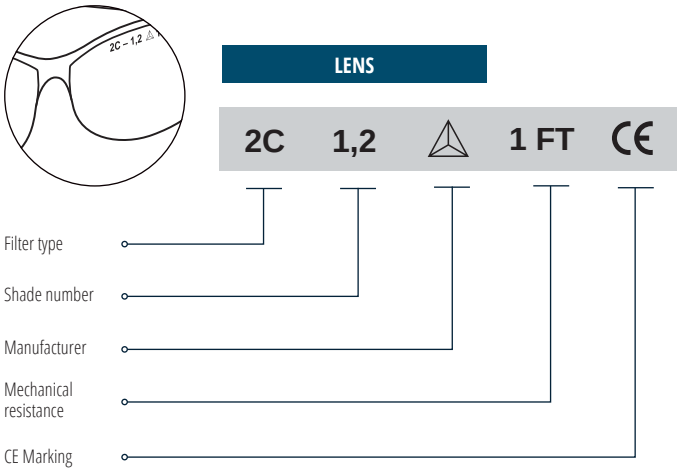
ANSI (US American National Standards Institute) Z87.1 : Specifications and minimum general requirements, test methods, selection, use and maintenance of eye and face protection.

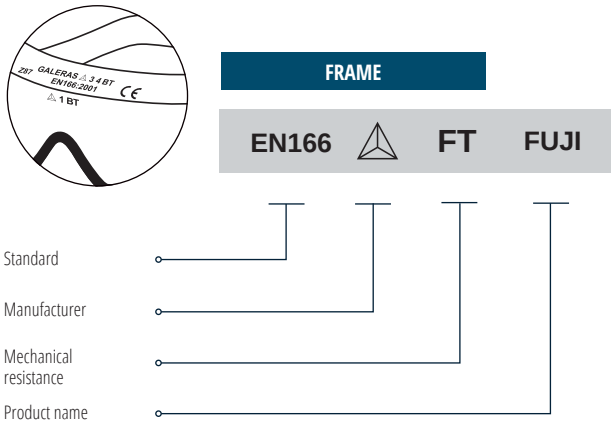
GS-ET 29 : Requirements, performances, test methods relating to face shields providing protection against electric arcing.

ASTM-F-2178-12 : Standard test method for determining the arc flash index and standard specification for face protection products.

CSA Z94.3 : This safety eyewear standard covers eye and face protectors for applications in Canada.

MARKING





SYMBOL MEANING – EN166:		EN ISO 16321-1: Symbol Meanings
1: Optical class allowing permanent wear of the spectacles	=	**1:** Optical class allowing for permanent wear.
S: Increased robustness: steel ball of 22 mm diameter at 5.1 m/s. (18.36 km/h)	X	
F: Low energy impact: steel ball of 6 mm diameter at 45 m/s. (162 km/h)	→	**C:** Medium-energy impact (45 m/s).
	NEW	**D:** Medium-high impact (goggles) (80 m/s).
B: Medium energy impact: steel ball of 6 mm diameter at 120 m/s. (432 km/h)	→	**E:** High-energy impact (visors and face shields) (120 m/s).
A: High energy impact: steel ball of 6 mm diameter at 190 m/s. (684 km/h)	X	
	NEW	**HM:** High-mass impact (optional).
3: Liquid resistance (droplets or splashes).	=	**3:** Resistance to liquids (droplets & splashes).
4: Large dust particles resistance (size of > 5 microns).	=	**4:** Resistance to large dust particles (size > 5 microns).
5: Gas and fine dust particles resistance (size < 5 microns).	=	**5:** Resistance to gases and fine dust particles (size < 5 microns).
	NEW	**6:** Resistance to liquid jets.
	NEW	**7:** Resistance to radiant heat.
8: Short circuit electric arc resistance.	X	
9: Resistance to splashes of molten metal and penetration of hot solids.	=	**9:** Resistance to molten metal splashes and hot solids.
T: (F - B - A) Mechanical resistance to extreme temperatures (-5°C/+55°C)	→	**T:** (C-E-D-HM) Mechanical resistance at extreme temperatures (-5°C to +55°C).
N: Resistance to fogging of lenses.	=	**N:** Resistance to fogging of the oculars.
K: Resistance to surface damage by fine particles (anti-scratch).	=	**K:** Resistance to surface deterioration by fine particles (anti-scratch).

FILTERS

Special filters can eliminate certain parts of light and a high proportion of the electro-magnetic spectrum (ultraviolet rays, infrared rays...)..

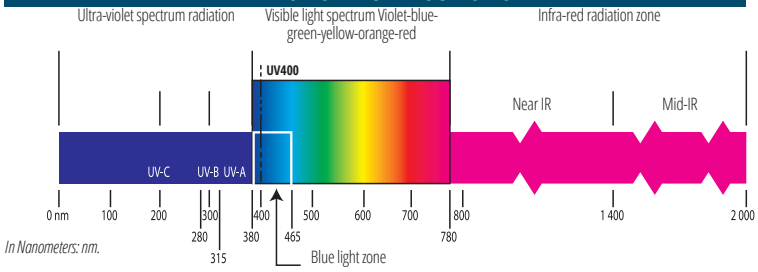
SPECTACLES LENS MARKING

Lens colour	Minimal transmission factor of visible light	SCALE Nr	EN166					
			UV FILTERS (EN170)		IR FILTERS (EN171)	SUN FILTERS (EN172)		WELDING (EN169)
			2	2C	4	5	6	
			Colours perception may be alterated	Colours perception is not alterated		Without IR protection specification	With IR protection specification	no code nr
CLEAR (INDOOR)	80,0%	1,1				5-1,1	6-1,1	
	74,4%	1,2	2-1,2	2C-1,2	4-1,2			
LIGHT SMOKE (OUTDOOR + INDOOR)	58,1%	1,4	2-1,4	2C-1,4	4-1,4	5-1,4	6-1,4	
	43,2%	1,7	2-1,7	2C-1,7	4-1,7	5-1,7	6-1,7	
	29,1%	2	2-2	2C-2	4-2	5-2	6-2	
SMOKE (OUTDOOR)	17,8%	2,5	2-2,5	2C-2,5	4-2,5	5-2,5	6-2,5	
	8,0%	3,1				5-3,1	6-3,1	
VERY DARK (FOR WELDING) (MIG-TIG)	8,5%	3	2-3	2C-3	4-3			3
	3,2%	4	2-4	2C-4	4-4	5-4,1	6-4,1	4
	1,2%	5	2-5	2C-5	4-5			5
	0,44%	6			4-6			6
	0,16%	7			4-7			7
	0,061%	8			4-8			8
	0,023%	9			4-9			9
	0,085%	10			4-10			10
	0,0032%	11						11
	0,0012%	12						12
	0,00044%	13						13
	0,00016%	14						14
	0,000061%	15						15
	0,000023%	16						16

Lens marking is composed by 2 numbers (separated in the middle by a "-"):

CODE NUMBER :	from 2 to 6. Welding lens have no code number.
SCALE NUMBER	from 1,1 (the highest % of transmission in visible light, the clearest lens). to 16 (the lowest % of transmission in visible light, the darkest lens).
DELTA PLUS RANGE:	The yellow coloured possibilities are available on DELTA PLUS range.

THE ELECTRO-MAGNETIC SPECTRUM



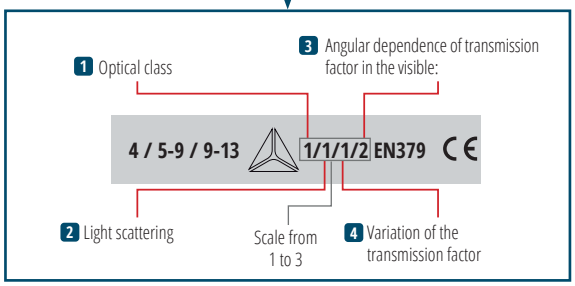
All our polycarbonate glasses filter 99.9% of UV A, B and C from 130 to 380 nm.
Our UV400 glasses carry UV filtration up to 400 nm.

RISKS TO THE EYE FROM HARMFUL RADIATION

Zone	Wave Length	Environment	Eyesight damage
UV-A	315-380 nm	Outdoor work.	Eye fatigue, partial blindness, cataract. Sunshine.
UV-B	280-315 nm	Sunlight. Industrial environment. Black light tests.	Cataract. Welder flash. Arc flash.
UV-C	100-280 nm	Industrial environment. Arc welding.	Cornea or crystalline lesions. Loss of eyesight.
Harmful blue light	380-465 nm	Industrial environment. Computer work (fatigue, VDU). Electrical installations. Outdoor work.	Retinal lesions. Loss of eyesight. Blurring degeneration (age). Retinitis pigmentosis.
Infra-red	780-1400 nm (near IR) 1400-2000 nm (IR mid)	Electric welding. Molten work (glassmaking, steel production). Micro-wave processes. Sunlight.	Retinal lesions. Blurring degeneration (age). Retinitis pigmentosis (near-IR). Crystalline and cornea lesions (mid-IR).

WELDING







1 Optical class:

Means the distortion of the image when viewed through the screen



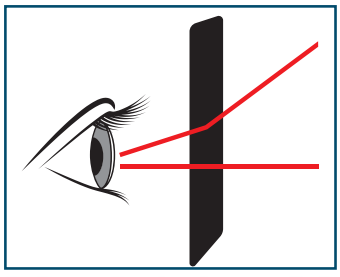
2 Light scattering:

Means the clarity and sharpness of the screen. Is the image blurred?



3 Variation of the transmission factor:

Refers to the consistency of the shade of the screen when adjusted. No very dark or very light area should appear on the screen.



4 Angular dependence of transmission factor in the visible:

The clarity of the screen must remain the same depending on the angle between our view and the selfobscuring screen.

ARC WELDING

Intensité du courant (A)	PROCESS: MMA	MAG	TIG	MIG (heavy metals)	MIG (lightmetals)	Arc air gouging	Plasma cutting	Micro plasma welding
1.5	8	8	8	9	10	10	9	4
6								5
10								6
15								
30			9					7
40								
60	9							8
70		9	10					
100	10	10						9
125			11	10			10	10
150	11	11			11	11	11	
175			12	11			12	11
200	12	12			12	12		
225			13	12			13	12
250	13	13			13	13		
300				13				
350					14	14	14	
400	14	14		14				
450						15		
500								
600								

HOW TO PROTECT YOURSELF?

To choose the correct safety helmet.

To identify the risk: falling bumps or combined risks (hearing protection and face protection).
The safety helmet has three functions:

Antipenetration for an effective skull protection.

Shock absorber because the cap and the harness absorb shocks.

Deflector thanks to a suitable design which makes it possible to deflect the fall of an object from the top of the head.

There is in addition a selection of accessories which offers face and hearing protection.

STANDARDS

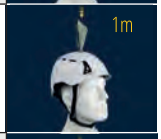
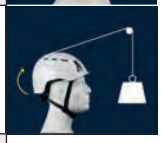
EN397	Protective helmets for industry	MANDATORY	**Impact*:** force transmitted to the headform must not exceed 5 kN at the fall of an object of 5 kg from a 1 m height. The impact energy of the helmet at the end of the test is 49 J. **Penetration*:** the tip of the mass used in the test (3 kg over 1 m) must not come into contact with the skull. **Flammability:** the helmet should not burn with flame emission more than 5 seconds after removal of the flame. ** The impact and penetration tests are performed at room temperature, at 50°C and at -10°C.*
		OPTIONAL	**In extreme temperatures:** impact and penetration tests are conducted at room temperature at **150°C, at -20°C or -30°C**. Protects against accidental short-term contact with a **live electrical conductor up to 440 VAC.** Protects against l**ateral compression.** The maximum deformation of the helmet should be ≤ 40 mm. Resistance to **molten metal** splashes.
EN50365	Electrical insulation helmets for use in low voltage environment	MANDATORY	**Electrically insulating helmets** for use near energised equipment not exceeding **1000 VAC or 1500 VDC** (appliance class 0). Used simultaneously with other electrically insulating protective equipment, these helmets prevent dangerous currents passing through to the person's head. These optional electrical insulation tests are more stringent than the EN397 and they complement them. (2 triangle marking, Class 0).
ANSI/ISEA Z89.1	(American National Standards Institute) American standard for head protection in industry	MANDATORY	**Type 1:** The impact force transmitted to the cap must not exceed 4,450 N when a 3.6 kg (8 lb) impact is dropped at a speed of 5.5 m/s (metres per second). **Penetration:** A 1 kg penetrator must not come into contact with the false head at a speed of 7.0 m/s. **Flammability:** the helmet must not burn with the emission of a flame for more than 5 seconds after the flame has been withdrawn **Electrical resistance:** proof test at 20,000 volts for class E or 10,000 volts for class G. Class C offers no protection against electrical hazards. **Type 2:** In addition to the requirements of type 1, type 2 head protection must also satisfy: **Energy attenuation:** the acceleration must not exceed 150 g in the event of a fall onto the cap and sideways using a 5 kg dummy head at 3.5 m/s. **Lateral penetration:** At the front, rear and sides, a 1 kg penetrator must not come into contact with the headform at a speed of 5.0 m/s.
		OPTIONAL	**ANSI/ISEA Z89.1 4 options:** low temperature (LT), high temperature (HT), reverse wear position and high visibility.
EN812	Bump caps for industry	MANDATORY	**Impact*:** This PPE protects against impacts from knocks against structures or objects. It does not protect from the impact of a falling object at all. The impact energy of the cap at the end of the test reached 12.25 J. **Penetration*:** the tip of the mass used in the test (0.5 kg over 0.5 m) must not come into contact with the skull. ** The impact and penetration tests are performed at room temperature, at 50°C and at -10°C.* Should in no way be a substitute for an industry type helmet (EN397).
		OPTIONAL	**In extreme temperatures:** impact and penetration tests are conducted at room temperature at **-20°C or -30°C.** Protects against accidental short-term contact with a **live electrical conductor up to 440 VAC.** **Flammability:** the helmet must not burn with flame emission more than 5 seconds after removal of the flame (F marking).

HELMET MARKING ILLUSTRATION



enjoy safety.

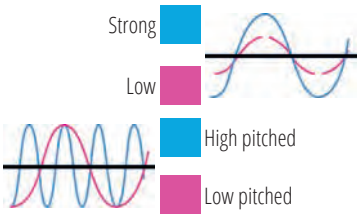
STANDARDS

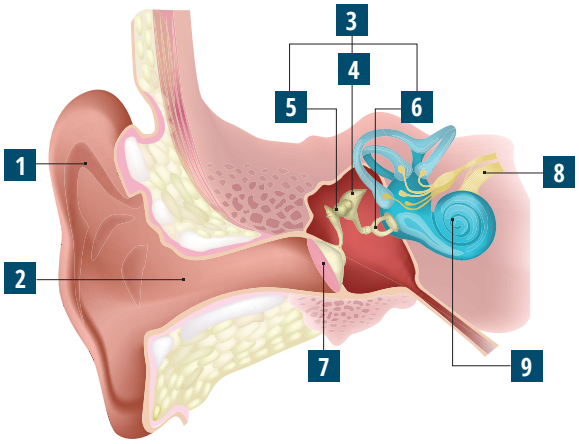
EN397:2025 TYPE OF TEST	RESULTS BY TYPE		
	Type 1	Type 2	
Impact on the top of the helmet 5 kg round impactor, impact energy 49 J	Maximum allowable force on the head 5 kN	Maximum allowable force on the head 5 kN	
Penetration at the top of the helmet 3-kg pointed impactor, impact energy 29.4 J	The impactor must not touch the head	The impactor must not touch the head (after 2 impacts)	
High-energy impact on the top of the helmet 5-kg round impactor, impact energy 98 J	Not tested	Maximum allowable force on the head 10 kN	
Side Impact 5-kg flat impactor, impact energy 24.5 J	Not tested	Maximum allowable force on the head 10 kN	
Chin strap breaking strength	150 N or more **Optional**	500 N or more **Compulsory**	
Front and rear chin strap retention test	Not tested	The helmet must remain secured to the top of the head	
Flame Resistance	The helmet must not continue to burn with a visible flame for more than 5 seconds after a red-hot iron rod is removed.	The helmet must not continue to burn with a visible flame for more than 5 seconds after a red-hot iron rod is removed.	
Mobility and Ergonomics	The headset and its accessories remain in place and fully functional while the wearer is on the move.	The headset and its accessories remain in place and fully functional while the wearer is on the move.	
Molten metal (MM,opt)	Flame resistance (molten metal splatter on the helmet shell)	Flame resistance (molten metal splatter on the helmet shell)	



Noise-related hearing loss is the most common occupational disease in Europe and North America, accounting for almost one-third of all work-related illnesses. These disorders can lead to long-lasting effects causing stress, fatigue or isolation that significantly increases the risk of work-related accidents caused by other factors. Hearing loss is irreversible and often detected late, so PPE covering this risk is classified as Category III in Europe.

THE EAR AND SOUND





1. Pinna
2. Ear canal
3. Small bones
4. Anvil
5. Hammer
6. Stirrup
7. Eardrum
8. Auditory nerve
9. Cochlea

Noise, as a vibratory phenomenon is Characterised by:

- **Its intensity** (in decibels [dB]) corresponds to the amplitude of the vibrations emitted by the sound source. 0 dB corresponds to the minimum sound level audible by the human ear. The pain threshold is 120 dB and the ear can be damaged from 85 dB.
- **Its frequency** (in Hertz [Hz]) which will define the perceived height. The higher the frequency and the higher pitched the sound, the lower it is and the lower pitched it will be. The human ear is able to perceive sounds at frequencies between 20 Hz (very low pitch) and 20,000 Hz (very high pitch).
- **Its duration and its variation**, which makes it possible to differentiate very brief sounds, of a duration in the order of a second, such as impulse noises (a shot, impacts) of sounds that have longer durations (hours, or a day) for which it is important to consider the resulting dose of noise received.

The ear can be broken down into three distinct parts:

- **The outer ear** consisting of the horn and the ear canal
- **The middle ear** between the eardrum and the inner ear. It is filled with air and allows, using the ossicles, to transform the aerial vibrations into structure borne vibrations that can be analyzed by the inner ear.
- **The inner ear**, the heart of the auditory system, consisting of a cavity filled with liquid containing the cochlea where the body of Corti is found. Within it, the vibrations of the liquid transmitted to the ossicles are picked up by the hair cells which select them by frequency. The information is then conducted by the auditory nerve to the cerebral cortex which can interpret it.

DB(A)

The human ear has a particular sensitivity to each frequency range. At moderate sound levels, it is less sensitive to low pitched sounds. To represent this particular sensitivity, the noise measurements and standards use a weighting of the measured sound levels called weighting A. The thus weighted decibels are denoted dB (A).



HOW TO PROTECT YOURSELF?

To choose the correct product for hearing protection.

- **Identify the nature of the noise:** stable, fluctuating, intermittent, pulse.
- **Measure the noise at the working station:** intensity (dB) and volume (Hz).
- **Determine the exposure time**
- **Calculate the reduction** necessary to return on an acceptable ambient level (see Directive 2003/10/CE).

Requirements Directive 2003/10/EC: Minimum requirements for the protection of workers against the risks related to noise exposure

8 hours exposure time at ≥ 85 dB(A)	8 hours exposure time at ≥ 80 dB(A) and < 85 dB(A)	8 hours exposure time at > 75 dB(A) and < 80 dB(A)
Obligatory hearing protection	Hearing protectors available to the worker	Hearing protection recommended

The performance of the hearing protector (its attenuation level) must be adapted to the risk assessment of the workplace. It should bring the noise level to a level that is not harmful to health, while avoiding overprotection would cut the operator from his environment (warnings, communication...)

REGULATORY DAILY DOSE AUTHORISED ACCORDING TO THE SOUND LEVEL

Continuous sounds	Equivalent continuous sound pressure level in dB (A)	85 dB(A)	91 dB(A)	100 dB(A)	112 dB(A)
	Daily exposure duration equivalent to an exposure of 85 dB	8 hours	2 hours	15 minutes	1 minute
Impulse sounds	Peak sound pressure level in dB	135 dB	115 dB	95 dB	90 dB
	Limited number of pulses or shocks for 8 hours	1	100	10 000	30 000

WEARING RATE

Hearing protection decreases very rapidly when the protector is not worn continuously



2 mn of non-wearing (over 8h) => reduction of efficacy of the protector by 25%

2 hours of non-wearing (over 8 hours) => loss of efficacy of the protector by 75%

WEARING METHOD

When hearing protection equipment can be worn in several ways (on the head and under the chin for example), it must be tested for each method of wearing.

OTH :  Over the head

UTC :  Under the chin

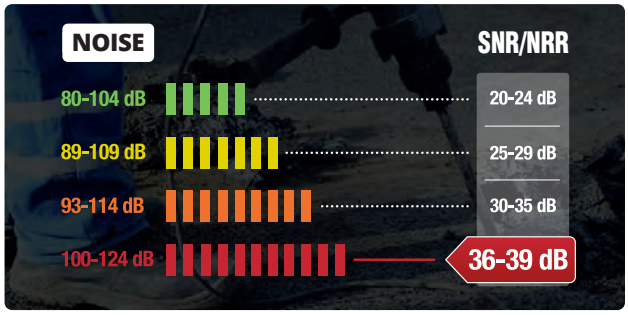
BTH :  Behind the head

STANDARDS

- **EN352 :** Exigences of safety and tests.
- **EN352-1 :** the ear-muffs.
- **EN352-2 :** the earplugs.
- **EN352-3 :** the adjustable head defenders for the safety helmets.
- **EN352-4 :** Noise cancelling headphones with level dependent attenuation.
- **EN352-6 :** Earmuffs with electrical audio input.
- **EN352-8 :** Audio enabled earmuffs. These standards establish requirements with regards to the manufacture, the design, performances and test methods. They stipulate the putting at disposal relative to the characteristics.
- **EN458 :** Hearing protection
  Recommendations for selection, use and maintenance.
- **ANSI (US American National Standards Institute) S3.19 - 1974**
  This standard specifies the test method for determining the level of noise attenuation (NRR Noise Reduction Rating) of the hearing protection, as recommended by the EPA (U.S. Environmental Protection Agency).



SOUND LEVEL MITIGATION VALUES



HOW DO YOU USE THE ATTENUATION VALUES?

3 indicators, from the simplest to the most precise are made available to the user:

- **SNR (Single Number Rating) :** Single average value of attenuation.
- **HML :** Attenuation values expressed in terms of average levels of frequency:
  - **H :** Attenuation of PPE at high frequencies (pitched noises)
  - **M :** Attenuation of PPE at medium frequencies
  - **L :** Attenuation of PPE at low frequencies (bass sounds)
- **APV (Assumed Protection Value) :** Attenuation values expressed on 8 specific frequency levels (see the data sheet of the hearing protector).

DOUBLE PROTECTION

When wearing a single hearing protector is not enough, it is possible to combine them. The attenuation resulting from the simultaneous wearing of earplugs with a B SNR and a noisecancelling headset with an ST SNR is calculated by the following formula: *33 × log ((0.4 × B) + (0.1 × ST)) WARNING: SNR values cannot be added together!*

LEVEL OF NOISE



European Directives: End user's obligations

89/391: Identify and assess the risk, take preventive and protective measures, inform and train the workers.

2004/37: Risks related to exposure to carcinogens or mutagens at work: hazard identification, «limit values», respiratory protection.

89/656: Select and use the appropriate and compliant PPE, inform and train people, check and replace the PPE when necessary.

STANDARDS

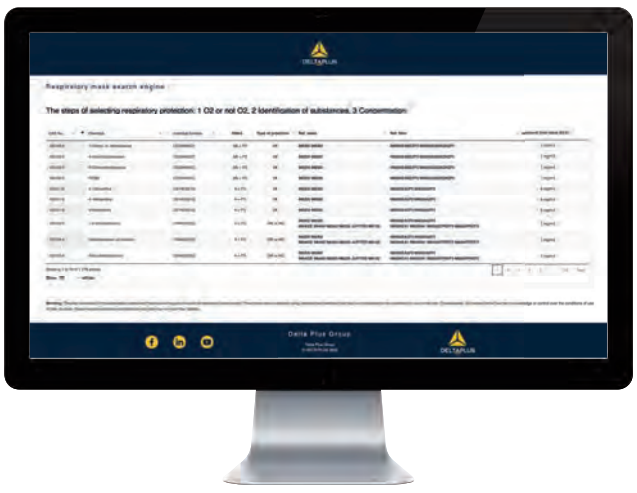
The main standards concerning the respiratory apparatuses.

- **EN136 : overall masks**
  It contains laboratory tests and practical performance tests to check the conformity with resistance to temperature, to impacts, to flame, to thermal radiation, to traction, resistance to cleansers and disinfectants. Furthermore, the visual inspection must concern the marking and the manufacturers' information guide.
- **EN140 : half-masks and quarter-masks**
  It contains laboratory tests and practical performance tests to check the conformity with resistance to impacts, to cleaners and disinfectants, to temperature, to flame and respiratory resistance.
- **EN14387 : gas filters and compound filters**
  It contains laboratory tests to check the conformity with resistance to impacts, to temperature, to humidity and corrosive atmospheres, and with mechanical and respiratory resistance.
- **EN143 : filters against particles**
  It contains laboratory tests to check the conformity with resistance to impacts, to temperature, to humidity and corrosive atmospheres and with mechanical and respiratory resistance.
- **EN149 : disposable filtering half-masks**
  It contains laboratory tests to check the conformity with resistance to impacts, to cleansers and disinfectants, to temperature, to flame and with respiratory resistance.
- **EN405 : half-masks fitted with valves and gas filters or compound filters**
  It contains laboratory tests to check the conformity with resistance to handling and wear, to impacts, to flame and with respiratory resistance.
- **EN148-1 : standard threaded joint**
  This standard is specific to the standard connection system of the cartridge for full face masks.

PRODUCTS	STANDARDS	TOTAL INWARD LEAKAGE** (%)	NOMINAL PROTECTION FACTOR*
FFP1	EN149	22	4
FFP2	EN149	8	12
FFP3	EN149	2	50
½ mask P1 ½ mask gas XP1	EN140 EN14387 EN143 + A1	22	4
½ mask P2 ½ mask gas XP2	EN140 EN14387 EN143 + A1	8	12
½ mask P3 ½ mask gas XP3	EN140 EN14387 EN143 + A1	2	48
½ mask gas X	EN140 EN14387	2	50
Full Face Mask P3	EN136 EN143 + A1	0,1	1000
Full Face Mask gas XP3	EN136 EN14387 EN143 + A1	0,1	1000
Full Face Mask gas X	EN136	0,05	2000

*NPF : Nominal Protection Factor corresponds to the level of protection tested in the laboratory. The Level of APF, Assigned Protection Factor, might be different according local regulations

**TIL: Leakage of the ambient atmosphere into the respiratory interface measured in laboratory



http://respiratory.deltaplus.eu



MARKING

V The valve provides better comfort. It facilitates exhalation, decreases CO2 content, and reduces heat and humidity inside the mask.

P Horizontal folding.
B Vertical folding.

NR Non-Reusable.
The mask should not be used for more than 8 hours.

D Optional test of the EN149:2001 + A1: 2009 standard for clogging the Dolomite.
This test indicates that the mask has a greater resistance to clogging: Extended respiratory comfort.

FFP1
Protection level of the mask according to the filtration ability of the filter medium.
Filtering **F**ace **P**iece **P**articles = **F**iltering **F**ace **P**iece from **P**articles.



N°. of the quality control laboratory.

Instructions inside the packaging

W Protection against unpleasant odours.



Storage conditions

Colour code filter

Standard

Date of expiration (AAAA/MM)

GAS AND VAPOUR FILTER

Each filter or cartridge is identified with a colour code.

TYPE	PROTECTION	GAS AND VAPOUR
A	Protects from organic gases and vapours whose boiling point is > 65°C	Alcohol, acetic acid, ether, hexane, toluene, xylene, white spirits, thiophenol...*
AX	Protects from organic gases and vapours whose boiling point is ≤ 65°C	Acetone, acetaldehyde, ethyl ether, butane, methanol, trichloromethane...*
B	Protects from inorganic gases and vapours	Chlorine, chlorine dioxide, fluorine, formaldehyde, phosphine...*
E	Protects from sulphur dioxide and some acid vapours and gases	Sulphur dioxide...*
K	Protects from ammoniac and some amine derivatives	Ammonia, ethylamine, methylamine...*
Hg	Protection from mercury vapours	Mercury and mercury compounds*

FILTER ABSORPTION CLASS FOR GASES AND VAPOURS	
Class 1	Low capacity filter (pollutant concentration < 0.1% or 1000 ppm).
Class 2	Average capacity filter (pollutant concentration < 0.5% or 5000 ppm).
Class 3	High capacity filter (pollutant concentration < 0.1% or 10,000 ppm).
ppm	Concentration in parts per million.

DUST AND AEROSOL FILTERS

TYPE	PROTECTION	PARTICLES
P1	Protects from non-toxic dust and / or waterbased aerosols.	Cement dust, flour, calcium carbonate (chalk), graphite, cotton, concrete...*
P2	Protects from slightly toxic or irritating solid aerosols and / or liquids.	Untreated softwood, grinding, cutting, welding, milling, coal, fibre glass, mineral fibre, graphite, pesticide powder...*
P3	Protects from solid aerosols and / or liquids listed as toxic.	Asbestos (without manipulation), pesticide powder, biological agents, pharmaceutical powder, treated wood, hard wood (exotic), chrome, lime, lead, graphite...*
		Manganese, kaolin, sodium hydroxide (caustic soda), quartz, silica...*



*This type of usage is indicative and cannot engage Delta Plus Responsibility.



CHEM D-FINDER

http://respiratory.deltaplus.eu

USER GUIDE FOR BREATHING APPARATUS FILTER FOR POLLUTING SUBSTANCES

OEL Occupational Exposure Limit

TWA TIME WEIGHTED AVERAGE

Average Exposure limit over an 8 hour time period

1 WORKING DAY

STEL Short Term Exposure Limit

Should not be longer than15 minutes
Should not occur more than 4 times per day
with at least 60 minutes between exposures

Substances	Chemical formula	CAS number	Gas filter	Particles filter	MC/DM*	OEL	Unit of measurement
1- chloro- 2,3- epoxy- propane	C3H5OCl	106-89-8	A	P3	MC	VLE=2	ppm
1,1,1-Trifluoro-2-bromo-2-chloroethane	CF3CHBrCl	151-67-7			ARI or A AIR	2,000	ppm
1,1,2,2- tetrabromoethane	CHBr2CHBr2	79-27-6	A	P3	MC	1	ppm
1,1'-Ethylene-2,2'-bipyridyllium dibromide	C12H12N2Br2	85-00-7		P3	MC	0,50	mg/m3
1,2,3,4,5,6,7,8-octachloronaphthalene	C10Cl8	2234-13-1	A	P3	MC	0	mg/m3
1,2,4- Trichlorobenzene	C6H3Cl3	120-82-1	A	P3	MC	5,00	ppm
1,2,4-Benzenetricarboxylic anhydride	C9H4O5	552-30-7	A	P3	MC	0,04	mg/m3
1,2-Benzenedicarboxylic anhydride	C6H4(CO)2O	85-44-9		P3	MC	1,00	ppm
1,2-Dibromo-2,2-dichloroethyl dimethyl phosphate	(CH3O)2P(O)OCHBrCBrCl2	300-76-5	A	P3	MC	3,00	mg/m3
1,2-dichloroethane	ClCH2CH2Cl	107-06-2	A		MC	10,00	ppm
1,2-Dihydroxybenzene	C6H4(OH)2	120-80-9	A	P3	MC	5	mg/m3
1,2-Ethanediamine	NH2CH2CH2NH2	107-15-3	K		MC	10,00	ppm
1,2-ethanediol	HOCH2CH2OH	107-21-1	A	P3	MC	50,00	ppm
1,3- butadiene	CH2=CHCH=CH2	106-99-0	AX		MC	VLE= 1	ppm
1,4- dichlorobenzene	C6 H4 Cl2	106-46-7	A		MC	75,00	ppm
1,4-benzenediamine	C6H4(NH2)2	106-50-3	A	P3	MC	0	mg/m3
1,4-dihydroxybenzene	C6H4(OH)2	123-31-9	A	P3	MC	2	mg/m3
1,4-dinitrobenzene	C6H4(NO2)2	100-25-4	A	P3	DM or MC	1,000	mg/m3
1,5-diisocyanatonaphthalene	C10H6(NCO)2	3173-72-6	A2B2	P3	MC	0,10	mg/m3
1,5-pentanedial	OCH(CH2)3CHO	111-30-8	A2	P3	MC	0,20	ppm
1,6- hexanolactam	C6H11NO	105-60-2	A	P3	MC	0,22	ppm
1-Chloro-2-methylbenzene	ClC6H4CH3	95-49-8	A		MC	50,00	ppm
1-Chloro-2-propene	CH2=CHCH2Cl	107-05-1	AX		MC	1,00	ppm
1-Hydroxybutane	CH3CH2CH2CH2OH	71-36-3	A		MC	50,00	ppm
1-Methoxy-2-propanol	CH3OCH2CHCH3	107-98-2	A		MC	100	ppm
1-Methylpropyl acetate	CH3COOCH(CH3)CH2CH3	105-46-4	A	P3	DM or MC	200	ppm
1-Propen-3-ol	CH2=CHCH2OH	107-18-6	A		MC	2	ppm
1-Propyn-3-ol	C3H3OH	107-19-7	A		MC	1	ppm
2- butoxyethanol	C4H9OCH2CH2OH	111-76-2	A	P3	MC	25,00	ppm
2- Diethylaminoethanol	(C2H5)2NCH2CH2OH	100-37-8	K		MC	10,00	ppm
2- ethoxyethyl acetate	CH3COOCH2CH2OCH2CH3	111-15-9	A		MC	1	ppm
2- ethylhexyl chloroformate	Cl1 C7 O2 H12	24468-13-1	A	P3	DM or MC	1	ppm
2- furaldehyde	C5H4O2	98-01-1	A		MC	2,00	ppm
2- Methoxyethyl acetate	CH3COOCH2CH2OCH3	110-49-6	A		MC	0	ppm
2- Methylaziridine	C3H7N	75-55-8	K	P3	MC	2,00	ppm
2- methylpentane- 2,4- diol	(CH3)2COHCH2CHOHCH3	107-41-5	A		DM or MC	25	ppm
2- nitronaphthalene	C10H7NO2	581-89-5	A	P	DM or MC		
2- Pyridylamine	NH2C5H4N	504-29-0	A	P3	DM or MC	2	mg/m3
2,2'-Diaminodiethylamine	NH2CH2CH2)2NH	111-40-0	ABEK	P3	MC	1,00	ppm
2,2'-dihydroxydiethyamine	(HOCH2CH2)2NH	111-42-2	K	P3	MC	3	ppm
2,2-Dichlorovinyl dimethyl phosphate	(CH3O)2P(O)OCH=CCl2	62-73-7	A	P3	MC	0,10	ppm
2,3- epoxypropyl isopropyl ether	C6H12O2	4016-14-2	A		MC	50	ppm
2,3,4,5,6-pentachlorophenol	C6Cl5OH	87-86-5	A	P3	MC	1	mg/m3
2,4- dichlorophenoxyacetic acid	Cl2C6H3OCH2COOH	94-75-7		P3	MC	10	mg/m3
2,4,5-Trichlorophenoxyacetic acid	Cl3C6H2OCH2COOH	93-76-5		P3	DM or MC	10	mg/m3
2,4,6- trinitrophenol	(NO2)3C6H2OH	88-89-1		P3	MC	0	mg/m3
2,4,6-tetryl	(NO2)3C6H2N(NO2)CH3	479-45-8	A	P3	MC	2	mg/m3
2,5-Furanedione	C4 H2 O3	108-31-6	A	P3	MC	0,25	ppm
2-Aminotoluene	CH3C6H4NH2	95-53-4	A	P3	MC	2,00	ppm
2-butanol	CH3CH(OH)CH2CH3	78-92-2	A		MC	100,00	ppm
2-Carbomethoxy-1-methylvinyl dimethyl phosphate	C7H13PO6	7786-34-7	A	P3	MC	0	ppm
2-Chloro-1,1,2-Trifluoroethyl difluoromethyl ether	CHF2OCF2CHClF	13838-16-9			ARI or A AIR	2,000	ppm
2-Chloro-1,3-butadiene	CH2=CClCH=CH2	126-99-8	AX	P3	MC	VLE = 1	ppm
2-chloroacetaldehyde	ClCH2CHO	107-20-0	A		MC	1,00	ppm
2-Chloroethanol	CH2ClCH2OH	107-07-3	A		MC	1,00	ppm
2-hydroxymethylfuran	C5H6O2	98-00-0	A		MC	10,00	ppm
2-Isopropoxy propane	(CH3)2CHOCH(CH3)2	108-20-3	A		MC	500,00	ppm
2-Mercaptoacetic acid	HSCH2COOH	68-11-1	A2B2	P3	MC	1	ppm

Substances	Chemical formula	CAS number	Gas filter	Particles filter	MC/DM*	OEL	Unit of measurement
2-methoxyethanol	CH3OCH2CH2OH	109-86-4	A		MC	5,00	ppm
2-Methylacrylic acid	CH2=C(CH3)COOH	79-41-4	A	P3	MC	20	ppm
2-methylpropenenitrile	CH2=C(CH3)CN	126-98-7	AB 450	P3	MC	1	ppm
2-Methylpropyl acetate	CH3COOCH2CH(CH3)2	110-19-0	A		MC	150.00	ppm
2-Oxetanone	C3H4O2	57-57-8			ARI or A AIR		
2-Pentanol acetate	CH3COOCH(CH3)C3H7	626-38-0	A		MC	125	ppm
2-Phenyl propylene	C6H5C(CH3)=CH2	98-83-9	A		MC	50,00	ppm
2-propenamide	CH2=CHCONH2	79-06-1	A	P3	MC	0,30	mg/m3
2-propenenitrile	CH2=CHCN	107-13-1	A	P3	MC	2,00	ppm
2-Propenoic acid	CH2=CHCOOH	79-10-7	A		DM or MC	2,000	ppm
2-Propyl acetate	CH3COOCH(CH3)2	108-21-4	A		MC	250.00 (ST)	ppm
2-Propynyl alcohol	C3H3OH	107-19-7	A		MC	1	ppm
3,3'- dichlorobenzidine salts	NH2ClC6H3C6H3ClNH2	91-94-1	A	P3	MC		
3,3'-dimethylbenzidine	C14H16N2	119-93-7	A	P3	MC	0,02	mg/m3
3,5,5- trimethylcyclohex- 2- enone	C9H14O	78-59-1	A		MC	4,00	ppm
3a,4,7,7a-Tetrahydro-4,7-methanoindene	C10 H12	77-73-6	A	P3	MC	5,00	ppm
3-Heptanone	CH3CH2CO[CH2]3CH3	106-35-4	A		MC	50	ppm
3-Methyl-1-butanol acetate	CH3COOCH2CH2CH(CH3)2	123-92-2	A		DM or MC	100	ppm
3-Methyl-5-heptanone	C2H5COCH2CH(CH3)CH2CH3	541-85-5	A		MC	25	ppm
4- Methylpentan- 2- One	CH3COCH2CH(CH3)2	108-10-1	A		MC	50	ppm
4,4'- Methylenedianiline (mda)	CH2(C6H4NH2)2	101-77-9	A	P3	MC	0,01	ppm
4-Hydroxy-4-Methyl-2-Pentanone	CH3COCH2C(CH3)2OH	123-42-2	A		MC	50	ppm
4-Nitroaniline	C6 H6 N2 O2	100-01-6	A	P3	MC	6	mg/m3
4-nitrochlorobenzene	ClC6H4NO2	100-00-5	AB	P3	MC	1,00	mg/m3
5-Methyl-2-hexanone	CH3COCH2CH2CH(CH3)2	110-12-3	A		MC	50	ppm
6,9-methano- 2,4,3-benzo-dioxathiepin-3-oxide	C9H6Cl6O3S	115-29-7	A	P3	MC	0	mg/m3
Acetaldehyde	CH3CHO	75-07-0	AX		MC	100	ppm
Acetic acid	CH3COOH	64-19-7	A	P3	MC	10.00	ppm
Acetic ester	CH3COOC2H5	141-78-6	A		MC	400.00	ppm
Acetic oxide	(CH3CO)2O	108-24-7	A		MC	5	ppm
Acetylene	C2H2	74-86-2			ARI or A AIR	2500	ppm
Acraldehyde	CH2=CHCHO	107-02-8	AX 450		MC	0	ppm
Age	C6H10O2	106-92-3	A		MC	5	ppm
Aldrin	C12H8Cl6	309-00-2	AB	P3	DM or MC	0.25	mg/m3
Alpha- chlorotoluene	C6H5CH2Cl	100-44-7	A		MC	1	ppm
Alpha-chloroacetophenone	C6H5COCH2Cl	532-27-4	ABEK	P3	MC	0,30	ppm
Alpha-starch	(C6H10O5)n	9005-25-8		P3	MC	5,00	mg/m3
Aluminium metal (respirable dust)	Al	7429-90-5		P2/P3	DM or MC	5,000	mg/m3
Aluminum trioxide	Al2O3	1344-28-1		P3	DM or MC	4	mg/m3
Amidocyanogen	NH2CN	420-04-2		P3	DM or MC	2,000	mg/m3
Aminocyclohexane	C6H11NH2	108-91-8	A		DM or MC	10,000	ppm
Aminodimethylbenzene	(CH3)2C6H3NH2	1300-73-8	K		DM or MC	2	ppm
Aminomethane	CH3NH2	74-89-5	K		MC	10	ppm
Ammonia	NH3	7664-41-7	K		MC	25	ppm
Ammonium amidosulfonate	NH4OSO2NH2	7773-06-0		P3	MC	5,00	mg/m3
Ammonium chloride	NH4Cl	12125-02-9	K	P	MC	10	mg/m3
Amyl acetic ether	CH3COO[CH2]4CH3	628-63-7	A		MC	100	ppm
Anhydrous hydrogen bromide;	H Br	10035-10-6	B	P3	MC	3	ppm
Anone	C6H10O	108-94-1	A		DM or MC	25,000	ppm
Antimony and compounds (as sb)	Sb	7440-36-0		P3	MC	MEL	mg/m3
Antimony hydride	SbH3	7803-52-3			ARI or A AIR	0	ppm
Antimony trioxide	O3 Sb2	1309-64-4		P3	DM or MC	0,500	mg/m3
Argon	Ar	7440-37-1			ARI or A AIR		ppm
Arsenic & compounds except arsine	As	7440-38-2		P3	MC	0,15	mg/m3
Arsenic trihydride	AsH3	7784-42-1			ARI or A AIR	0,020	ppm
Arsenic trioxide	As2O3	1327-53-3			ARI or A AIR	0,200	mg/m3
Artificial barite	BaSO4	7727-43-7		P3	MC	0,50	mg/m3
ASBESTOS, amiante	Hydrated mineral silicates	1332-21-4	PAPR	P3	MC	MEL	fibres/ml
Asphalt, petroleum fumes	n/ a	8052-42-4			ARI or A AIR	5	mg/m3
Atrazine (iso)	C8H14ClN5	1912-24-9		P3	DM or MC	5,000	mg/m3

*This list is indicative and cannot engage Delta Plus Responsibility.

enjoy safety.

Substances	Chemical formula	CAS number	Gas filter	Particles filter	MC/DM*	OEL	Unit of measurement
Azimethylene	CH2N2	334-88-3	ABEK	P3	MC	0,20	ppm
Azirane	C2H5N	151-56-4	K 450		MC		ppm
Azium	NaN3	26628-22-8		P3	DM or MC	0	mg/m3
Azodicarbonamide	C2H4N4O2/NH2CON=NCONH2	123-77-3	A	P3	MC	MEL	mg/m3
Barium compounds soluble (as ba)	Ba	7440-39-3		P2/P3	DM or MC	1	mg/m3
Basudin®	C12H21N2O3PS	333-41-5	BE	P3	MC	0,10	mg/m3
BCME [Bis (chloromethyl) ETHER]	(CH2Cl)2O	542-88-1	A2	P3	MC	0,05	mg/m3
Benomyl (iso)	C14H18N4O3	17804-35-2	A	P3	DM or MC	5,000	mg/m3
Benzenamine	C6H5NH2	62-53-3	A	P3	MC	2,00	ppm
Benzene	C6H6	71-43-2	A 450		MC	1,00	ppm
Benzene chloride	C6H5Cl	108-90-7	A		DM or MC	75,000	ppm
Benzene hexahydride	C6 H12	110-82-7	A		DM or MC	300,000	ppm
Benzyl butyl phthalate	C19 H20 O4	85-68-7	A	P	DM or MC	5,000	mg/m3
Beryllium and compounds	Be	7440-41-7		P3	MC	VLE	mg/m3
Beta-Aminoethyl alcohol	NH2CH2CH2OH	141-43-5	A		MC	3	ppm
Beta-Hydroxypropyl acrylate	CH2=CHCOOCH2CHOHCH3	999-61-1	A		MC	1	ppm
BGE	C7 H14 O2	2426-08-6	A		MC	5,60	ppm
Biotite	H2KAl3(SiO4)3	12001-26-2		P3	DM or MC	3,000	mg/m3
Bipotassium chromate	K2 Cr O4	7789-00-6			ARI or A AIR		mg/m3
Bis(2- ethylhexyl) phthalate	C24H38O4	117-81-7	A	P3	DM or MC	5,000	mg/m3
Bis(2,3- epoxypropyl) ether	C6H10O3	2238-07-5	A	P3	MC	0,10	ppm
Bismuth telluride	Bi2Te3	1304-82-1		P3	MC	5,00	mg/m3
Borates, (tetra) sodium salts	Na2B4O7	1330-43-4		P3	DM or MC	1,000	mg/m3
Borax decahydrate	Na2B4O7 • 10H2O	1303-96-4		P3	MC	5,00	mg/m3
Boric anhydride	B2O3	1303-86-2		P3	DM or MC	10,000	mg/m3
Bornan- 2- one	C10H16O	76-22-2	A	P3	DM or MC	2,000	mg/m3
Boron fluoride	BF3	7637 07 02			ARI or A AIR	1,000	ppm
Boron hydride	B2H6	19287-45-7	B	P3	MC	0,10	ppm
Bromacil (iso)	C9H13BrN2O2	314-40-9	AB	P3	DM or MC	1,000	ppm
Bromine	Br2	7726-95-6	B	P3	MC	0,10	ppm
Bromine fluoride	BrF5	7789-30-2	AX		MC	0,10	ppm
Bromoethane	CH3CH2Br	74-96-4	AX		MC	200,00	ppm
Bromoethylene	CH2=CHBr	593-60-2	AX		DM or MC	5,000	ppm
Bromoform	CHBr3	75-25-2	A		MC	0,50	ppm
Bromomethane	CH3Br	74-83-9	AX		MC	5	ppm
Butane	CH3CH2CH2CH3	106-97-8	AX		DM or MC	600,000	ppm
Butyl acrylate	CH2=CHCOOC4H9	141-32-2	A		MC	10,00	ppm
Butyl ester of 2-hydroxypropanoic acid	CH3CH(OH)COOC4H9	138-22-7	A	P3	DM or MC	5,000	ppm
Butyl ethanoate	CH3COO[CH2]3CH3	123-86-4	A		MC	150	ppm
Butyl methyl ketone /MBK	CH3CO[CH2]3CH3	591-78-6	A		MC	5,00	ppm
Butylamine	CH3CH2CH2CH2NH2	109-73-9	BK		MC	5,00	ppm
Cadmium	Cd S	7440-43-9		P3	DM or MC	VLE=0,05	mg/m3
Caesium hydroxide	CsOH	21351-79-1	B		DM or MC	2,000	mg/m3
Calcium carbimide	CaCN2	156-62-7			ARI or A AIR	0,500	mg/m3
Calcium carbonate	CaCO3	1317-65-3		P3	DM or MC	5,000	mg/m3
Calcium hydrate	Ca(OH)2	1305-62-0		P3	DM or MC	5,000	mg/m3
Calcium monosilicate	CaSiO3	1344-95-2		P2/P3	DM or MC	5,000	mg/m3
Calcium sulfate hemihydrate	CaSO4 • 0.5H2O	26499-65-0		P3	DM or MC	5,000	mg/m3
Captafol (iso)	C10H9Cl14NO2S	2425-06-1	A		MC	0,10	mg/m3
Carbaryl (iso)	CH3NHCOOC10H7	63-25-2	A		DM or MC	5,000	mg/m3
Carbofuran (iso)	C12H15NO3	1563-66-2	A	P3	DM or MC	0,100	mg/m3
Carbolic acid	C6H5OH	108-95-2	A	P3	MC	5	ppm
Carbon black	C	1333-86-4		P3	MC	3,50	mg/m3
Carbon dioxide	CO2	124-38-9			ARI or A AIR	5000,000	ppm
Carbon disulphide	C S2	75-15-0	AX		MC	10,00	ppm
Carbon hexachloride	Cl3CCCl3	67-72-1	A	P3	MC	1,00	ppm
Carbon monoxide	CO	630-08-0			ARI or A AIR	30,000	ppm
Carbon tetrachloride	CCl4	56-23-5	A		MC	2,00	ppm
Carbonyl chloride	COCl2	75-44-5	B	P3	MC	0,10	ppm
Carboxyethane	CH3CH2COOH	79-09-4	A	P3	MC	10	ppm
CB	CH2BrCl	74-97-5	A		MC	200,00	ppm
Cd: Cadmium	CdO/Cd	1306-19-0		P3	MC	VLE=0,05	mg/m3
Cellosolve®	C2H5OCH2CH2OH	110-80-5	A		MC	0,50	ppm
Cellulose	(C6H10O5)n	9004-34-6		P3	DM or MC	5,000	mg/m3
Cement	as Portland Cement	65997-15-1		P2/P3	DM or MC	10,000	mg/m3
Chlordan	C10H6Cl8	57-74-9	A	P3	DM or MC	0,500	mg/m3
Chlorine	Cl2	7782-50-5	B		MC	0,50	ppm
Chlorine fluoride	ClF3	7790-91-2	B		MC	0,10	ppm
Chlorine oxide	Cl O2	10049-04-4	B		DM or MC	0,100	ppm
Chloroacetic acid chloride	ClCH2COCl	79-04-9	A	P3	MC	0,05	ppm

Substances	Chemical formula	CAS number	Gas filter	Particles filter	MC/DM*	OEL	Unit of measurement
Chlorocyanide	ClCN	506-77-4	B 450		MC	0,30	ppm
Chlorodimethyl ether	CH3OCH2Cl	107-30-2			ARI or A AIR		
Chloroethane	CH3CH2Cl	75-00-3	AX		DM or MC	1000,000	ppm
Chloroéthanoic acid	ClCH2COOH	79-11-8	A	P3	MC	0	ppm
Chloroethene	CH2=CHCl	75-01-4	AX		MC	1,00	ppm
Chloroform	CHCl3	67-66-3	AX		MC	2,00	ppm
Chloromethane	CH3Cl	74-87-3			ARI or A AIR	100,000	ppm
Chloropicrin	CCl3NO2	76-06-2	A	P3	MC	0,10	ppm
Chlorosulfuric acid	HClO3S	7790-94-5	E	P3	MC	1,00	mg/m3
Chlorothene	CH3CCl3	71-55-6	A		MC	300,00	ppm
Chlorpyrifos	C9H11Cl3NO3PS	2921-88-2	A	P3	DM or MC	0,200	mg/m3
Chromic acid (cro3)	CrO3	1333-82-0	BE	P3	MC	0,05	mg/m3
Chromium	Cr	7440-47-3		P3	MC	0,50	mg/m3
Cobalt and compounds (as co)	Co	7440-48-4		P2/P3	DM or MC	VLE	mg/m3
Copper, dusts and mists	Cu	7440-50-8		P3	MC	1,00	mg/m3
Crag® herbicide No. 1	C6H3Cl2OCH2CH2OSO3Na	136-78-7		P3	MC	5,00	mg/m3
Cresols (all isomers)	C7 H8 O	1319-77-2	A	P3	MC	5,00	ppm
Cumene	C6H5CH(CH3)2	98-82-8	A		MC	50,00	ppm
Cyanogen chloride, (as -cn)	C- N	57-12-5	B	P3	MC	5,00	mg/m3
Cyclohexene	C6 H10	110-83-8	A		DM or MC	300,000	ppm
Cyclohexylmethane	CH3C6H11	108-87-2	A		DM or MC	400,000	ppm
DBP	C6H4(COOC4H9)2	84-74-2	A	P3	MC	5,00	mg/m3
Dca	C2Cl2	7572-29-4			ARI or A AIR	0,100	ppm
DDH	C5H6Cl2N2O2	118-52-5	ABEK	P3	MC	0,20	mg/m3
DDT	(C6H4Cl)2CHCCl3	50-29-3		P3	MC	1	mg/m3
Di- N- Butyl Phoshate	(C4H9O)2(OH)PO	107-66-4	A	P3	MC	1,00	ppm
Diallyl phthalate	C14 H14 O4	131-17-9	A	P3	DM or MC	5,000	ppm
Diammonium peroxodisulphate	N2 H8 S2 O8	7727-54-0	A	P3	MC	1,00	mg/m3
Dianiline (mboca)	CH2(C6H4ClNH2)2	101-14-4	A	P3	MC	0,00	mg/m3
Diatomaceous earth, natural, respirable dust	SiO2	68855-54-9		P3	MC	1,20	mg/m3
DIBENZ(a, h) ANTHRACENE	C22 H14	65996-93-2	A	P3	MC	0,10	mg/m3
Dibenzoyl peroxide	(C6H5CO)2O2	94-36-0	A	P3	DM or MC	5,000	mg/m3
Dibromochloropropane	CH2BrCHBrCH2Cl	96-12-8			ARI or A AIR	0,001	ppm
Dibutyl phosphate	(C4H9O)2(OH)PO	107-66-4	A	P3	MC	1,00	ppm
Dibutylated hydroxytoluene	[C(CH3)3]2CH3C6H2OH	128-37-0		P	MC	10,00	mg/m3
Dichloromethane	CH2Cl2	75-09-2	AX		MC	50,00	ppm
Dichloromethyl ether	(CH2Cl)2O	542-88-1	A2	P3	MC	0,05	mg/m3
Dicyanogen	NCCN	460-19-5	BK		DM or MC	10,000	ppm
Dicyclohexyl phthalate	C20 H26 O4	84-61-7	A	P3	DM or MC	5,000	ppm
Dieldrin (iso)	C12H8Cl6O	60-57-1	A	P3	DM or MC	0,250	mg/m3
Diethyl ether	C2H5OC2H5	60-29-7	AX		MC	400,00	ppm
Diethyl phthalate	C6H4(COOC2H5)2	84-66-2	A	P3	DM or MC	5,000	mg/m3
Diethyl sulphate	C4 H10 O4 S	64-67-5	A	P3	MC	VLE	ppm
Diethylene imidoxide	C4H9ON	110-91-8	A		MC	20	ppm
Difluorodibromomethane	CBr2F2	75-61-6			ARI or A AIR	100,000	ppm
Diisodecyl phthalate	C28 H46 O4	26761-40-0	A	P3	DM or MC	5,000	mg/m3
Diisononyl phthalate	C26 H42 O4	28553-12-0	A	P3	DM or MC	5,000	mg/m3
Diisooctyl phthalate	C24 H38 O2	27554-26-3	A	P3	DM or MC	5,000	mg/m3
Diisopropylamine	[(CH3)2CH]2NH	108-18-9	K		MC	5	ppm
Dimethyl carbinol	(CH3)2CHOH	67-63-0	A		MC	400	ppm
Dimethyl ester of 1,2-benzenedicarboxylic acid	C6H4(COOCH3)2	131-11-3	A	P3	MC	5,00	mg/m3
Dimethyl ether	H6 C2 O	115-10-6			ARI or A AIR	400,000	ppm
Dimethyl methane	CH3CH2CH3	74-98-6			ARI or A AIR	1000,000	ppm
Dimethyl sulphate	(CH3)2SO4	77-78-1	A	P3	MC	0,10	ppm
Dimethylacetone	CH3CH2COCH2CH3	96-22-0	A		DM or MC	200,000	ppm
Dimethylaminoethanol	C4H11NO/(CH3)2NCH2CH2OH	108-01-0	A		MC	2	ppm
Dimethylnitromethane	(CH3)2CH(NO2)	79-46-9	A	P3	MC	10,00	ppm
Dinitrogen tetroxide (N2O4),	N O2	10102-44-0	NO		MC	3,00	ppm
Diphenyl	C6H5C6H5	92-52-4	A	P3	MC	0,20	ppm
Diphenyl ether (vapor)	C6H5OC6H5	101-84-8	A	P3	MC	1,00	ppm
Dipotassium peroxodispulphate (measured as s2o8)*	H2 K2 O8 S2	7727-21-1	AB	P	MC	1,00	mg/m3
Direx®	C6H3Cl2NHCON(CH3)2	330-54-1		P3	DM or MC	10,000	mg/m3
Disodium peroxodisulphate (measured as s2o8)	Na2 O8 S2	7775-27-1	A	P3	MC	1,00	mg/m3
Disodium tetraborate, decahydrate	Na2B4O7 • 10H2O	1303-96-4		P3	MC	5,00	mg/m3
Disodium tetraborate, pentahydrate	B4 O7 2Na 10H 2O	11130-12-4	A	P3	DM or MC	1,000	mg/m3
Disulfoton (iso)	C8H19O2PS3	298-04-4	ABE	P3	MC	0,10	mg/m3
Disulphur dichloride	S2 Cl2	10025-67-9	B	P3	MC	1,00	ppm
Divanadium pentaoxide (as v)	V2O5	1314-62-1		P3	MC	VLE=0,005	mg/m3
DMAC	CH3CON(CH3)2	127-19-5	A		DM or MC	10,000	ppm

*MC/DM = Overall masks / Half-mask



Substances	Chemical formula	CAS number	Gas filter	Particles filter	MC/DM*	OEL	Unit of measurement
DMF	HCON(CH3)2	68-12-2	A		MC	10,00	ppm
DMH	(CH3)2NNH2	57-14-7	K 450		MC	0,06	ppm
Eca	C6H7NO2	7085-85-0	AXB	P3	MC	2	mg/m3
Elemental selenium	Se	7782-49-2		P3	MC	0	mg/m3
Endrine	C12H8Cl6O	72-20-8		P3	MC	0,10	mg/m3
Ethane	C2 H6	74-84-0			ARI or A AIR		ppm
Ethanedioic acid	HOOCCOOH • 2H2O	144-62-7		P3	MC	1	mg/m3
Ethanethiol	CH3CH2SH	75-08-1	AX	P3	MC	1	ppm
Ethyl acetone	CH3COCH2CH2CH3	107-87-9	A		MC	200	ppm
Ethyl acrylate	CH2=CHCOOC2H5	140-88-5	A		MC	5,00	ppm
Ethyl alcohol	CH3CH2OH	64-17-5	A		MC	1000	ppm
Ethyl chloroformate	C3H5ClO2 / ClCOOC2H5	541-41-3			ARI or A AIR	1	ppm
Ethyl ester of formic acid	CH3CH2OCHO	109-94-4	AX		MC	100	ppm
Ethyl methyl ketone	CH3COCH2CH3	78-93-3	A		MC	200,00	ppm
Ethyl nitrile	CH3CN	75-05-8	A		MC	40	ppm
Ethyl parathion	(C2H5O)2P(S)OC6H4NO2	56-38-2	A2	P3	MC	0	mg/m3
Ethylamine	CH3CH2NH2	75-04-7	K		MC	10,00	ppm
Ethylbenzene	CH3CH2C6H5	100-41-4	A		MC	100	ppm
Ethylene	C2 H4	74-85-1			ARI or A AIR		ppm
Ethylene bromide	BrCH2CH2Br	106-93-4	A		MC	0,05	ppm
Ethylene oxide	C2H4O	75-21-8	AX		MC	5,00	ppm
Ferbam (iso)	[(CH3)2NCS2]3Fe	14484-64-1		P3	MC	10	mg/m3
Ferrocene	C10 H10 Fe	102-54-5	A	P	MC	10	mg/m3
Fluoride (as f)	F	16984-48-8	AB	P3	DM or MC	3	mg/m3
Fluorine-19	F2	7782-41-4	B		MC	1,00	ppm
Formal	CH3OCH2OCH3	109-87-5	AX		MC	1000,00	ppm
Formaldehyde	HCHO	50-00-0	ABE		MC	0,50	ppm
Formamide	HCONH2	75-12-7	A	P3	MC	10,00	ppm
Formic acid	HCOOH	64-18-6	B / BE	P3	MC	5	ppm
Formonitrile	HCN	74-90-8	B	P3	MC	2,00	ppm
Freon® 112	CCl2FCCl2F	76-12-0	A		MC	500,00	ppm
Freon® 112a	CCl3CClF2	76-11-9	A		MC	500,00	ppm
Freon® 113	CCl2FCClF2	76-13-1			ARI or A AIR	1000	ppm
Freon® 114	CClF2CClF2	76-14-2			ARI or A AIR	1000,000	ppm
Freon® 12	CCl2F2	75-71-8			ARI or A AIR	1000,000	ppm
Freon® 21	CHCl2F	75-43-4			ARI or A AIR	10,000	ppm
Freon® 22	CHClF2	75-45-6			ARI or A AIR	1000,000	ppm
Germanium tetrahydride	GeH4	7782-65-2			ARI or A AIR	0	ppm
Glycerol	HOCH2CH(OH)CH2OH	56-81-5	A	P3	MC	5,00	mg/m3
Glycidyl phenyl ether	C9H10O2	122-60-1	A		MC	1	ppm
Glycol dinitrate	O2NOCH2CH2ONO2	628-96-6	A	P	MC	0,20	ppm
Graphite	C	7440-44-0		P2/P3	DM or MC	5,000	mg/m3
Guthion®	C10H12O3PS2N3	86-50-0	A	P3	DM or MC	0	mg/m3
Gypsum	Ca S O6 H4	10101-41-4		P3	MC	4	mg/m3
Hafnium	Hf	7440-58-6		P3	MC	1	mg/m3
Halon® 1301	CBrF3	75-63-8			ARI or A AIR	1000,000	ppm
Helium	He				ARI or A AIR		ppm
Heptan- 2- one	CH3CO[CH2]4CH3	110-43-0	A		MC	100	ppm
Hexachlorobenzene	C6 Cl6	118-74-1	A	P3	MC	0,03	mg/m3
Hexahydromethylphenol	CH3C6H10OH	25639-42-3	A		MC	50	ppm
Hexalin	C6H11OH	108-93-0	A		MC	50,00	ppm
Hexamethyl phosphoramide	[(CH3) 2N] 3PO	680-31-9			ARI ou A AIR		
Hexane	CH3[CH2]4CH3	110-54-3	A		DM ou MC	50	ppm
Hydrated lime	Ca(OH)2	1305-62-0		P3	DM or MC	5,000	mg/m3
Hydrazine	H2NNH2	302-01-2	K	P3	MC	0,10	ppm
Hydrazinobenzene	C6H5NHNH2	100-63-0	A	P3	DM or MC	0,140	ppm
Hydrazoic acid (as vapour)	H N3	7782-79-8	K	P3	MC	0	ppm
Hydrogen	H2	1333-74-0 ?			ARI or A AIR		ppm
Hydrogen chloride	H Cl	7647-01-0	B	P3	MC	5,00	ppm
Hydrogen fluoride (as f)	H F	7664-39-3	B 450	P3	MC	3.00 (ST)	ppm
Hydrogen nitrate	HNO3	7697-37-2	B/BE/ NO	P3	MC	2	ppm
Hydrogen peroxide	H2O2	7722-84-1	AB	P3	MC	1	ppm
Hydrogen phosphide	PH3	7803-51-2	B		MC	0,10	ppm
Hydrogen sulfate	H2SO4	7664-93-9	BE 450	P3	MC	1	mg/m3
Hydrogen sulphide	H2 S	7783-06-4	B		MC	10	ppm
Hydroquinone monomethyl ether	CH3OC6H4OH	150-76-5		P3	MC	5	mg/m3
Hydrous magnesium silicate	Mg3Si4O10(OH)2	14807-96-6		P3	MC	2,00	mg/m3
Hyponitrous acid anhydride	N2 O	10024-97-2	NO		MC	25,000	ppm
Impure corundum	Al2O3	1302-74-5		P3	DM or MC	5	mg/m3

Substances	Chemical formula	CAS number	Gas filter	Particles filter	MC/DM*	OEL	Unit of measurement
Indium and compounds (as in)	In	7440-74-6		P3	MC	0	mg/m3
Indonaphthene	C9 H8	95-13-6	A		MC	10	ppm
Iodine	I2	7553-56-2	IPR	P3	MC	0,10	ppm
Iodomethane	CH3I	74-88-4	AX		MC	VLE=2	ppm
Iron (III) oxide	Fe2O3	1309-37-1		P3	DM or MC	5	mg/m3
Iron oxide, fume (as fe)	Fe2O3	1309-37-1		P3	DM or MC	5	mg/m3
Iron pentacarbonyl	Fe(CO)5	13463-40-6	A	P3	MC	0	ppm
Isobutanol	(CH3)2CHCH2OH	78-83-1	A		MC	50	ppm
Isobutenyl methyl ketone	(CH3)2C=CHCOCH3	141-79-7	A		MC	10,00	ppm
Isoflurane	C3 F5 H2 Cl O	26675-46-7			ARI or A AIR	50	ppm
Isophorone diamine diisocyanate	C12H18N2O2	4098-71-9	A		MC	VLE=0,01	ppm
Isopropyl chloroformate	C4H7ClO2/(CH3)2CHOCOCl	108-23-6	A	P3	MC	1.00	ppm
Isovalerone	[(CH3)2CHCH2]2CO	108-83-8	A		MC	25,00	ppm
Jasmolin I or II	C20H28O3 / C21H28O5 C21H30O3 / C22H30O5 C21H28O3 / C22H28O5	8003-34-7	A	P3	MC	5.00	mg/m3
Kaolin	(Al2Si2O5(OH)4)2	1332-58-7		P3	DM or MC	5	mg/m3
Keto-ethylene	CH2=CO	463-51-4			ARI or A AIR	1	ppm
Ketone propane	(CH3)2CO	67-64-1	AX		MC	500	ppm
Lead and compounds (except lead alkyls)	Pb	7439-92-1		P3	MC	150,00	µg/ m3
Lepidolite	n/ a	12001-26-2		P3	DM or MC	3,000	mg/m3
Lime	CaO	1305-78-8		P2/P3	MC	2,00	mg/m3
Lithium hydroxide	LiOH	1310-65-2		P3	MC	1.00 (ST)	mg/m3
Lithium monohydride*	LiH	7580-67-8	A	P3	MC	0,025	mg/m3
LPG (Liquefied Petroleum Gas)	Mix : C3 H6; C3 H8; C4 H8; C4 H10	68476-85-7			ARI or A AIR	1000.00	ppm
Magnesite	MgCO3	546-93-0		P3	DM or MC	5,000	mg/m3
Magnesium oxide, fume and dust (as mg)	MgO	1309-48-4		P3	DM or MC	15	mg/m3
Malathion (iso)	C10H19O6PS2	121-75-5	A	P3	MC	10	mg/m3
Manganese and compounds (as mn)	Mn	7439-96-5		P2/P3	DM or MC	1,000	mg/m3
Manganese tetroxide	Mn3O4	1317-35-7		P3	DM or MC	1	mg/m3
Manganese tricarbonylmethylcyclopentadieny	CH3C5H4Mn(CO)3	12108-13-3	A	P3	MC	0	mg/m3
Margarite	n/ a	12001-26-2		P3	DM or MC	3,000	mg/m3
MD	C5H5Mn(CO)3	12079-65-1	A	P3	DM or MC	0,100	mg/m3
MDI	CH2(C6H4NCO)3	101-68-8	A	P3	MC	0,01	ppm
Mecrylate	CH2=C(CN)COOCH3	137-05-3	A	P3	MC	2,00	ppm
Mercury & its inorganic divalent compounds	Hg	7439-97-6	Hg	P3	DM or MC	0,050	mg/m3
Mesitylene	C6H3(CH3)3	108-67-8	A		MC	25	ppm
Methacrylate monomer	CH2=C(CH3)COOCH3	80-62-6	A		MC	100	ppm
Methane	C H4	74-82-8			ARI or A AIR		ppm
Methane tetrabromide	CBr4	558-13-4	A		DM or MC	1,400	mg/m3
Methane tetramethylol	C(CH2OH)4	115-77-5	A	P3	MC	5	mg/m3
Methanethiol	CH3SH	74-93-1	AXB		MC	0,50	ppm
Methanol	CH3OH	67-56-1	AX		MC	200	ppm
Methomyl (iso)	CH3C(SCH3)NOC(O)NHCH3	16752-77-5		P3	MC	3	mg/m3
Methoxy-dtt	(C6H4OCH3)2CHCCl3	72-43-5	A	P3	DM or MC	15,000	mg/m3
Methyl acetate	CH3COOCH3	79-20-9	AX		MC	200.00	ppm
Methyl ester of formic acid	HCOOCH3	107-31-3	AX		MC	100	ppm
Methyl ester of isocyanic acid	CH3NCO	624-83-9	B	P3	MC	VLE=0,02	mg/m3
Methyl ethylene oxide	C3H6O	75-56-9	AX 450		MC	100,00	ppm
Methyl parathion	(CH3O)2P(S)OC6H4NO2	298-00-0	A2	P3	MC	0	mg/m3
Methyl phosphite	(CH3O)3P	121-45-9	A	P3	MC	2	ppm
Methyl propenoate	CH2=CHCOOCH3	96-33-3	A		MC	10	ppm
METHYL- t- BUTYL ETHER	C5 H12 O	1634-04-4	AX	P3	MC	25	ppm
Methylene oxide	HCHO	50-00-0	ABE		MC	0,50	ppm
Methylstyrene	CH2=CHC6H4CH3	25013-15-4	A		MC	100	ppm
Miak	CH3COCH2CH2CH(CH3)2	110-12-3	A		MC	50	ppm
Mibc	(CH3)2CHCH2CH(OH)CH3	108-11-2	A		MC	25	ppm
MMH	CH3NHNH2	60-34-4	AK	P3	MC	0,04	ppm
Molybdenum compounds (as mo)	Mo	7439-98-7		P3	MC	5	mg/m3
Monochloropentafluoroethane	CClF2CF3	76-15-3			ARI or A AIR	1000,000	ppm
Monofluorotrichloromethane	CCl3F	75-69-4			ARI or A AIR	1000	ppm
N- Butyl chloroformate	C5 H10 CL O2	592-34-7	A	P3	MC	1,00	ppm
N- propyl acetate	CH3COOCH2CH2CH3	109-60-4	A		MC	200.00	ppm
N, n- dimethylaniline	C6H5N(CH3)2	121-69-7	A	P3	MC	5,00	ppm
N,N'-Dimethyl-4,4'-bipyridinium dichloride	CH3(C5H4N)2CH3 • 2Cl	1910-42-5	A	P3	MC	0,10	mg/m3
Naphthalene	C10H8	91-20-3	A	P3	MC	10,00	ppm
Navadel®	C4H6O2[SPS(OC2H5)2]2	78-34-2	A	P3	MC	0,20	mg/m3
Neon	Ne	7440 01 9			ARI or A AIR		ppm
N-Ethylethanamine	(C2H5)2NH	109-89-7	K + 450		MC	10,00	ppm

This list is not contractual. It is an indicative list and in no way incurs the liability of DELTA PLUS.

Substances	Chemical formula	CAS number	Gas filter	Particles filter	MC/DM*	OEL	Unit of measurement
N-Ethylmorpholine	C6 H13 N O	100-74-3	A	P3	MC	5.00	ppm
Ng	CH2NO3CHNO3CH2NO3	55-63-0	A	P3	DM or MC	0,100	mg/m3
Nickel and inorganic compounds	Ni	7440-02-0		P3	DM or MC	1,000	mg/m3
Nickel carbonyl	Ni(CO)4	13463-39-3			ARI or A AIR	0.10 (ST)	ppm
Nicotine	C5H4NC4H7NCH3	54-11-5	A	P3	DM or MC	1	mg/m3
Nitrapyrin	ClC5H3NCCl3	1929-82-4	AB	P3	MC	5,00	mg/m3
Nitric oxide	N O	10102-43-9			ARI or A AIR	25	ppm
Nitrocarbol	CH3NO2	75-52-5	A	P3	MC	100	ppm
Nitroethane	CH3CH2NO2	79-24-3	A	P3	MC	100	ppm
Nitrogen	N2	7727-37-9			ARI or A AIR		ppm
Nitrogen trifluoride	NF3	7783-54-2			ARI or A AIR	10	ppm
Nitropropane	CH3CH2CH2NO2	108-03-2	A	P3	MC	25	ppm
N-methylmethanamine	(CH3)2NH	124-40-3	K		MC	10,00	ppm
NN- Dimethylethylamine	C4 H11 N	598-56-1	K	P3	MC	5,00	ppm
N-Nitroso-N,N-dimethylamine	(CH3)2N2O	62-75-9	A	P3	MC		
N-octane	CH3[CH2]6CH3	111-65-9	A		MC	75,00	mg/m3
Nonyphenols	C15H24O	25154-52-3	A	P3	MC		
N-phenylmethylamine	C6H5NHCH3	100-61-8	A		DM or MC	1	ppm
N-Trichloromethylmercapto-4-cyclohexene 1,2-dicarboximide	C9H8Cl3NO2S	133-06-2	A	P3	DM or MC	5,000	mg/m3
Nux vomica	C21H22N2O2	57-24-9		P3	MC	0	mg/m3
O- acetylsalicylic acid	CH3COOC6H4COOH	50-78-2		P2/P3	DM or MC	5.00	mg/m3
O-anisidine	NH2C6H4OCH3	90-04-0	A	P3	MC	1	mg/m3
O-dianisidine	(NH2C6H3OCH3)2	119-90-4		P3	DM or MC		
O-diphenylbenzene	C6H5C6H4C6H5	84-15-1		P3	DM or MC	1	ppm
Oil mist, mineral		8012-95-1		P3	MC	5	mg/m3
Oil of mirbane	C6H5NO2	98-95-3	A	P3	MC	1	ppm
O-nitrotoluene	NO2C6H4CH3	88-72-2	A	P3	MC	2,00	ppm
Ortho-dichlorobenzene	C6H4Cl2	95-50-1	A		MC	50,00	ppm
Orthophosphoric acid	H3PO4	7664-38-2	B	P3	MC	1.00 (ST)	mg/m3
O-sec-Butylphenol	CH3CH2CH(CH3)C6H4OH	89-72-5	A		MC	5,00	ppm
Osmium oxide	OsO4	20816-12-0	B	P3	MC	0	mg/m3
Oxooctyl alcohol	C7H15CH2OH	26952-21-6	A		MC	50	ppm
Ozone	O3	10028-15-6	AXB2	P3	MC	0	ppm
P - Aramid respirable fibres	(C14 H10 O2 N2) n	26125-61-1		P3	DM or MC	0. 50	fibres/ml
P- toluenesulphonyl chloride	C7 H7 S O2 Cl	98-59-9	AB	P3	DM or MC	5.00 (ST)	mg/m3
Paracetamol	C8 H9 N O2	103-90-2		P3	DM or MC	10	mg/m3
P-Dioxane	C4H8O2	123-91-1	A	P3	MC	10,00	ppm
Pentachlorophosphorus	PCl5	10026-13-8	B	P3	MC	1,00	mg/m3
Pentane	CH3[CH2]3CH3	109-66-0	AX		MC	120	ppm
Peracetic acid	C2H4O3	79-21-0	AB	P3	DM or MC		ppm
Peroxide de 2-Butanone	C8H16O4	1338-23-4	A	P3	MC	VLE=0,2	ppm
Phenyl phosphate	(C6H5O)3PO	115-86-6	A	P3	MC	3	mg/m3
Phenylaniline	(C6H5)2NH	122-39-4	A	P3	MC	10,00	mg/m3
Phenylethylene	C6H5CH=CH2	100-42-5	A		MC	50,00	ppm
Phorate	(C2H5O)2P(S)SCH2SC2H5	298-02-2	A	P3	MC	0	mg/m3
Phosphorus oxychoride	POCl3	10025-87-3	B	P3	MC	0	ppm
Phosphorus pentasulphide	P2S5/P4S10	1314-80-3	B 450	P3	MC	1,00	mg/m3
Phosphorus pentoxide		1314-56-3	A	P3	DM or MC	2.00 (ST)	mg/m3
Phosphorus trichloride	PCl3	7719- 12 2	B 450	P3	MC	0	ppm
Phosphorus, yellow	P4	7723-14-0			ARI or A AIR	0	mg/m3
Picloram (iso)	C6H3Cl3O2N2	1918-02-1	AB	P3	MC	5,00	mg/m3
Piperazine hydrochloride	C4H10N2 HCl	142-64-3		P3	MC	5.00	mg/m3
Piperidine	CH2(CH2)4NH	110-89-4	A		DM or MC	?	ppm
Platinum metal	Pt	7440 06 4		P2/P3	DM or MC	5	mg/m3
Polychlorinated biphenyl	C6H3Cl2C6H2Cl3	11097-69-1	AB	P3	MC	0,10	mg/m3
Polychlorinated biphenyls (pcb's)	C12 H(10- x) Clx	1336-36-3			ARI or A AIR	0,500	mg/m3
Potassium bromate	K Br O3	7789-01-2		P3	DM or MC		
Potassium hydroxide	KOH	1310-58-3		P3	MC	2.00 (ST)	mg/m3
P-quinone	OC6H4O	106-51-4	A	P3	MC	0,10	ppm
Primary isoamyl alcohol	(CH3)2CHCH2CH2OH	123-51-3	A		MC	100	ppm
Propranolol	C16 H21 N O2	525-66-6	A	P3	DM or MC	2	mg/m3
Propylene	C3 H6	115-07-1			ARI or A AIR		ppm
Propylene glycol	as Propane- 1,2- diol	57-55-6	A	P3	DM or MC	150	ppm
Propylene glycol-1,2-dinitrate	CH3CNO2OHCHNO2OH	6423-43-4	A	P3	MC	0	ppm
Pvc (polyvinyl chloride) (resp. Dust)	(C2 H3 Cl) N	9002-86-2		P3	MC	4	mg/m3
Pyridine	C5H5N	110-86-1	A	P3	MC	5	ppm
Pyrophosphate	Na4P2O7	7722-88-5		P3	MC	5	mg/m3
Quartz	SiO2	14808-60-7		P3	DM or MC	0,050	mg/m3
RDX	C3H6N6O6	121-82-4		P3	DM or MC	1,500	mg/m3

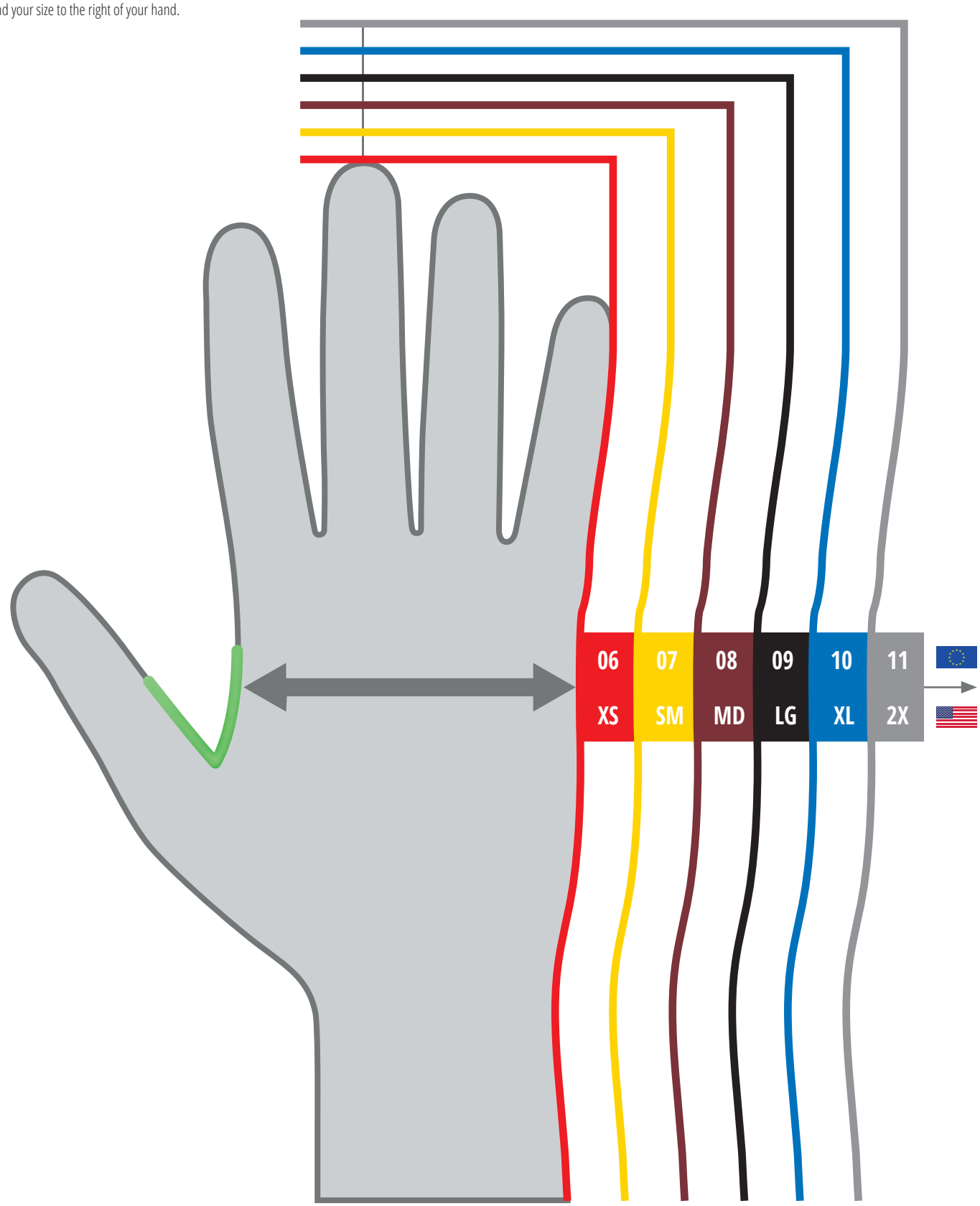
Substances	Chemical formula	CAS number	Gas filter	Particles filter	MC/DM*	OEL	Unit of measurement
Resorcinol	C6H4(OH)2	108-46-3	A	P3	MC	10	ppm
Rhodium (as rh) metal fume and dust	Rh	7440-16-6		P2/P3	DM or MC	0	mg/m3
Rotenone (iso)	C23 H22 O6	83-79-4	A	P3	MC	5	mg/m3
Saccarose	C12H22O11	57-50-1		P2/P3	DM or MC	10	mg/m3
Sec-Hexyl acetate	C8 H16 O2	108-84-9	A		MC	50	ppm
Seekay wax	C10H4Cl4	1335-88-2	A	P3	DM or MC	2	mg/m3
Selenium dihydride	H2 Se	7783-07-5			ARI or A AIR	0	ppm
Silica, amorphous (resp. Dust)	SiO2	7631-86-9		P3	MC	6,00	mg/m3
Silica, fused (resp. Dust)	O2 Si	60676-86-0		P3	MC	0	mg/m3
Silicane	SiH4	7803-62-5			ARI or A AIR	5,000	ppm
Silicon (resp. Dust)	Si	7440-21-3		P3	MC	4	mg/m3
Silicon monocarbide	SiC	409-21-2		P3	DM or MC	5,000	mg/m3
Silver, metallic	Ag	7440-22-4		P3	MC	0	mg/m3
Sodium bisulphite	NaHSO3	7631-90-5		P2/P3	MC	5	mg/m3
Sodium hydroxide	NaOH	1310-73-2		P3	MC	2.00 (ST)	mg/m3
Sodium metabisulphite	Na2S2O5	7681-57-4	B	P3	MC	5,00	mg/m3
Sodium monofluoroacetate	FCH2COONa	62-74-8		P3	DM or MC	0	mg/m3
Subtilisins	Bacillus subtilis	1395-21-7			ARI or A AIR	0	mg/m3
Sulfur fluoride	SF6	2551-62-4	BE	P3	MC	1000	ppm
Sulfurous oxychloride	SOCl2	7719-09-7	B	P3	MC	1.00 (ST)	ppm
Sulphur dioxide	SO2	7446-09-5	E		MC	2	ppm
Sulphur pentafluoride	S2F10	5714-22-7	B	P3	MC	0,01	ppm
Sulphur tetrafluoride	SF4	7783-60-0			ARI or A AIR	0	ppm
Sulphuryl difluoride	SO2F2	2699-79-8	BE 450		MC	5	ppm
Sym-dichloroethylene	ClCH=CHCl	540-59-0	AX		MC	200,00	ppm
Tantalum	Ta	7440-25-7		P3	MC	5	mg/m3
TCP	(CH3C6H4O)3PO	78-30-8	A	P3	DM or MC	0	mg/m3
TDI	CH3C6H3(NCO)2	584-84-9	A2B2	P3	MC	VLE=0,01	ppm
TEA	(C2H5)3N	121-44-8			MC	10,00	ppm
Tedp	[(CH3CH2O)2PS]2O	3689-24-5	ABE	P3	MC	0	mg/m3
Tellurium & compounds	Te	13494-80-9		P2/P3	DM or MC	0	mg/m3
Tellurium fluoride	TeF6	7783-80-4			ARI or A AIR	0	ppm
Tepp (iso)	[(CH3CH2O)2PO]2O	107-49-3	A	P3	MC	0	mg/m3
Tert-Butyl ester of acetic acid	CH3COOC(CH3)3	540-88-5	A		DM or MC	200	ppm
Tetrachloroethylene	Cl2C=CCl2	127-18-4	A		MC	50,00	ppm
Tetraethyl silicate	(C2H5)4SiO4	78-10-4	A		MC	10	ppm
Tetramethyl silicate	(CH3O)4Si	681-84-5	A		MC	1	ppm
Tetramethyl succinodinitrile	(CH3)2C(CN)C(CN)(CH3)2	3333-52-6	A	P3	DM or MC	1	ppm
Thallium, soluble compounds (as tl)	Tl	7440-28-0		P3	MC	0	mg/m3
THF	C4H8O	109-99-9	A		MC	200	ppm
Thio-4,4' bis (tert-butyl-6m-crésol)	[CH3(OH)C6H2C(CH3)3]2S	96-69-5		P3	DM or MC	5,000	mg/m3
Thiophenol	C6H5SH	108-98-5	A		MC	0	ppm
Thiram (iso)	C6H12N2S4	137-26-8	A	P	MC	5	mg/m3
Tin compounds, inorganic, except snh4 (as sn)	Sn	7440-31-5		P3	MC	2	mg/m3
Titanium peroxide	TiO2	13463-67-7		P3	MC	4	mg/m3
TMA	(CH3)3N	75-50-3	K		MC	10	ppm
Toluene	C6H5CH3	108-88-3	A		MC	100,00	ppm
Tributyl ester of phosphoric acid	(CH3[CH2]3O)3PO	126-73-8	A	P3	MC	2,50	mg/m3
Trichloroethanoic acid	CCl3COOH	76-03-9	B	P3	MC	1	ppm
Trichlorohydrin	CH2ClCHClCH2Cl	96-18-4	A		MC	10,00	ppm
Tricyclohexyltin hydroxide	(C6H11)3SnOH	13121-70-5	A	P3	MC	5,00	mg/m3
Triglycidyl isocyanurate (tgic)	C12 H15 N3 O6	2451-62-9	AB	P3	DM or MC	VLE	mg/m3
Triiodomethane	CHI3	75-47-8	A		MC	0,60	ppm
Trilene	ClCH=CCl2	79-01-6	A		MC	75,00	ppm
Trimethyl carbinol	(CH3)3COH	75-65-0	A		MC	100	ppm
Trinitrotoluol	CH3C6H2(NO2)3	118-96-7	A	P3	MC	1	mg/m3
Tungsten & compounds (as w) (soluble)	W	7440-33-7		P3	MC	1	mg/m3
Turpentine	C10 H16 (approx)	8006-64-2	A		MC	100	ppm
Uranium compounds, natural, soluble (as u)	U	7440-61-1		P3	MC	0	mg/m3
Vac	CH2=CHOOCCH3	108-05-4	A		MC	VLE =4	ppm
VDC	CH2=CCl	75-35-4	AX	P3	MC	VLE	ppm
Warfarin (iso)	C19H16O4	81-81-2		P2/P3	DM or MC	0	mg/m3
White spirit	n/ a	8052-41-3	A		MC	350,00	mg/m3
Xylene (all isomers)	C8H10	1330-20-7	A		MC	100	ppm
Y- BHC (iso)	C6H6Cl6	58-89-9	B	P3	MC	1	mg/m3
Yttrium	Y	7440-65-5		P3	MC	1	mg/m3
Zinc chloride, fume	ZnCl2	7646-85-7		P3	MC	1	mg/m3
Zinc distearate (resp. Dust)	Zn(C18H35O2)2	557-05-1		P3	MC	5,00	mg/m3
Zinc oxide fume	ZnO	1314-13-2		P3	DM or MC	5	mg/m3
Zirconium compounds (as zr)	Zr	7440-67-7		P2/P3	DM or MC	5	mg/m3

*MC/DM = Overall masks / Half-mask

CHECK YOUR SIZE:

Place your hand as shown on the drawing, with **the green line between the thumb and the index finger.**

Read your size to the right of your hand.



THE EUROPEAN STANDARDS

EN ISO 21420
GENERAL REQUIREMENTS

The reference standard, cannot be used alone, but only in combination with another standard containing protection performance requirements.

- **Conform to harmlessness** (pH, chrome VI levels, etc...).
- **Conform to the size charts** (see chart on below).
- **Assess the dexterity, breathability, and comfort.**
- **Conform to the labelling, information and identification instructions.**

SIZES AS PER STANDARD EN ISO 21420		
Glove size	Palm circumference (mm)	Length (mm)
6	152	160
7	178	171
8	203	182
9	229	192
10	254	204
11	279	215
12	304	226

STANDARDISED LABELING/IDENTIFICATION

Each protective glove is clearly identified by a Standardised label, containing the following elements:

- Our brand logo;
- The product reference or the trade name;
- The size;
- An information tag indicating that instructions are available for the product;
- The Standardised pictogram(s) with their performance ratings.
- The batch number and/or date of manufacture..
- If applicable, the expiry date.

EN511
COLD RISK

The EN511 standard defines the requirements and test methods for cold protection gloves from cold transmitted by convection or conduction down to -30°C (optionally up to -50°C). This cold can be from climatic conditions or industrial activity.

The selection process of a cold protection glove must take into account several parameters such as the ambient temperature, the health of the person, the duration of exposure, and the level of activities...

PERFORMANCE LEVELS REQUIREMENTS

1 to 4 — RESISTANCE TO CONVECTIVE COLD
Measurement of the thermal insulation of a glove with respect to an ambient atmosphere.

1 to 4 — RESISTANCE TO CONTACT COLD
Measurement of the thermal insulation of the palm of a glove with respect to contact with an object of low temperature

1 — IMPERMEABILITY TO WATER

PERFORMANCE LEVEL	INTENSE	AVERAGE ACTIVITY	SLOW ACTIVITY
1	-10°C ≤ T < 0°C		
2	-30°C < T	0°C ≤ T < 10°C	
3		-15°C < T	5°C < T
4		-30°C < T	-10°C < T

EN388 ISO 23 388
MECHANICAL RISKS

The EN388 standard applies to all types of protective gloves with respect to physical and mechanical aggression from abrasion, cutting from slicing, perforation and tearing. Since the 2016 version of the standard, new optional performance have appeared.

PERFORMANCE LEVELS REQUIREMENTS

1 to 4 — ABRASION RESISTANCE
Number of cycles required to damage the sample at constant speed.

1 to 5 — RESISTANCE TO CUTTING WITH A BLADE Number of cycles required with a circular blade to cut the sample at constant speed.

1 to 4 — RESISTANCE TO TEARING
Maximum force required to tear the sample.

1 to 4 — RESISTANCE TO PERFORATION
Force required to pierce the sample with a standardized punch.

A to F — RESISTANCE TO CUTTING BY BLADE (TDM test)
Force necessary for a straight blade to cut the sample on a movement of 20 mm.

ø or P — RESISTANCE IMPACT ON THE METACARPAL AREA
Minimum attenuation of the impact force transmitted to the hand

TEST	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
Abrasion resistance (Number of cycles)	100	500	2 000	8 000	-
Blade cutting resistance (index)	1,2	2,5	5,0	10,0	20
Tear resistance (N)	10	25	50	75	-
Puncture resistance (N)	20	60	100	150	-

Impact resistance on the metacarpal area: if this performance is claimed, the "P" mark appears.

Marking example: **4233X P**

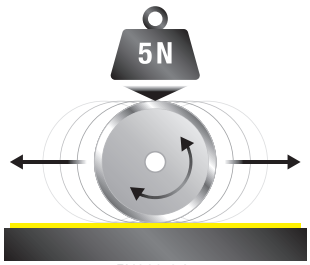
TEST CUT RESISTANCE EN ISO 13997 (TDM)	LEVEL A	LEVEL B	LEVEL C	LEVEL D	LEVEL E	LEVEL F
APPLIED FORCE (N)						

Marking example: 4543**D** or 4X43**D**

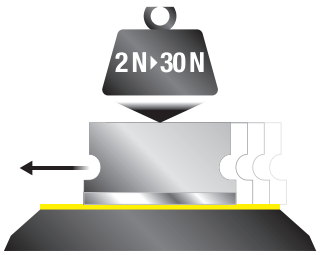
Cut by blade, 2 test methods:

EN388 6.2. : For low to middle risk of cutting. A circular blade on which a constant force of 5 N is applied, moves back and forth on the sample until the blade is blunt. It measures the number of completed cycles and is credited with the corresponding level.

EN ISO 13997 : For materials that blunt the blade during the EN388 6.2 test and/ or are particularly resistant, for high risk of cutting. A straight blade makes a single movement of 20 mm with a force of 2N, the test is repeated with a different force as many times as necessary until the sample is cut. A level corresponding to the force required to cut the sample is assigned. This method better represents the usage situations that present a high risk of cutting.

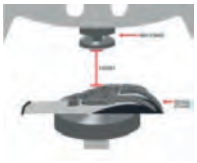


EN388 6.2.



EN ISO 13997

The glove sample is first cut and then laid flat on a raised anvil. A 2.5 kg metal striker is then dropped onto the knuckle area of the back of the hand at the metacarpals, excluding the fingers, with an impact energy of 5 joules. This impact simulates a sudden shock that the hand could suffer in real-life conditions.



The force transmitted is measured as follows:

≤ **7 kN:** test passed **(A P is displayed under the EN388 standard following the TDM result)**

> **9 kN**: test failed

Not tested : marked **X**

ANSI ISEA : (US AMERICAN NATIONAL STANDARDS INSTITUTE)

ANSI ISEA 105:

Cut resistance is measured by the weight required for a straight blade to cut the sample in a single stroke:

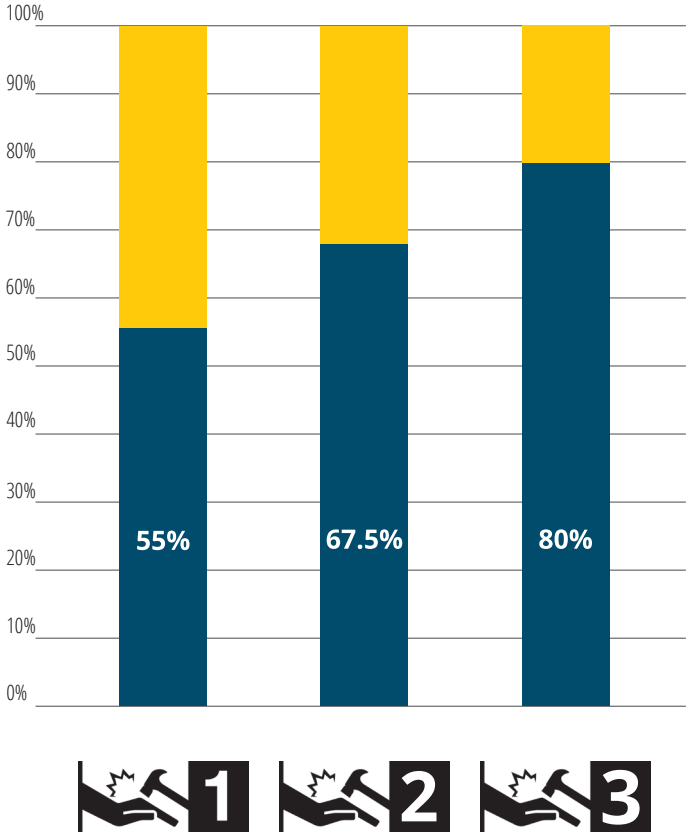
Weight (g)	≥ 200	≥ 500	≥ 1000	≥ 1500	≥ 2200	≥ 3000	≥ 4000	≥ 5000	≥ 6000
2016 version - levels	A1	A2	A3	A4	A5	A6	A7	A8	A9

Test type	Test method	Level 0	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Abrasion	ASTM D3884 (Taber)	< 100 cycles	≥ 100 cycles	≥ 500 cycles	≥ 1 000 cycles	≥ 3 000 cycles	≥ 10 000 cycles	≥ 20 000 cycles
Puncture	ASTM F1342 (modified)	< 10 Newtons	≥ 10 Newtons	≥ 20 Newtons	≥ 60 Newtons	≥ 100 Newtons	≥ 150 Newtons	—

ANSI ISEA 138

The **ANSI/ISEA 138 standard** evaluates the impact resistance of protective gloves, specifically for t**he back of the hand, fingers, and knuckles**. The tests involve **dropping a 2.5 kg impactor** from a defined height onto different areas of the glove.
The impact energy is 5 joules. A sensor measures the force transmitted through the glove.

Based on the results, the glove is classified into **three performance levels:**





EN407
HEAT AND FIRE RISK

The EN407 standard specifies the test methods, the general requirements, the thermal performance and the labelling of gloves and cuffs to protect from heat and fire. It applies to all gloves which must protect hands from heat and/or flames in any one or several of the following forms: fire, contact heat, convective heat, radiating heat, small spray of molten metal or large spray of melting metal.

PERFORMANCE LEVELS REQUIREMENTS

1 to 4 1 to 4 1 to 4 1 to 4 1 to 4 1 to 4

- RESISTANCE TO LARGE MELTING METAL SPRAY
  Amount of spray required to cause damage.
- RESISTANCE TO SMALL MELTING METAL SPRAY
  Amount of spray required to raise the glove to a certain temperature.
- RESISTANCE TO RADIATING HEAT
  Time required to raise to a given temperature level.
- RESISTANCE TO CONVECTIVE HEAT
  Time during which the glove is able to delay the transfer of the heat of a flame.
- RESISTANCE TO CONTACT HEAT
  Temperature (within the range of 100°C to 500°C) at which the person wearing the gloves will not feel any pain (for a period of at least 15 seconds).
- RESISTANCE TO FLAMMABILITY
  Time during which the material remains lighted and continues to be consumed after the ignition source has been eliminated.

If the product claims flammability resistance, the pictogram will be 

If the product does not claim any resistance to flammability (0 or X), the pictogram will be 

PERFORMANCE LEVEL	CONTACT TEMPERATURE °C	THRESHOLD TIME (second)
1	100° C	≥ 15 s
2	250° C	≥ 15 s
3	350° C	≥ 15 s
4	500° C	≥ 15 s

* the performance of all test points will be limited to 2 instead of 4.

EN16350
ELECTROSTATIC PROPERTIES

Standard EN16350 provides additional requirements for protective gloves that are worn in areas where flammable or explosive areas exist or might be present.

Further electrostatic properties can be determined through EN1149-1 (surface electrostatic properties) or EN1149-3 (charge decay), but cannot be used for electrostatic dissipative protective gloves.

EN12477
WELDERS RISK

Requirements and test methods for gloves used for manual welding of metals, for cutting and related techniques. Welder gloves are ranked in two types: B when great dexterity is required (e.g.: TIG welding), and A for other welding processes.

EN ISO 374-1
AGAINST THE RISKS OF MICROORGANISMS & CHEMICAL RISKS

Standard EN ISO374-1, protective gloves against chemicals and micro-organisms, specifies the performance requirements required for gloves for protecting users against chemical products and/or micro organisms and defines the terms to be used:

• **Penetration** (tested as per standard EN374-2): Diffusion of water or air, to check the impermeability, on a non-molecular level, of a chemical product and/or micro-organism through the porosities, seams, micro-holes or other imperfections present in the material of the protective glove.

• **Degradation** (tested as per standard EN374-4): Determination of the physical resistance of materials to degradation after continuous contact with hazardous chemicals.

• **Permeation** (tested as per standard EN374-3 or EN16523): Process by which a chemical product diffuses through the material of a protective glove, by continuous contact, on a molecular level. The EN ISO version of standard 374-1, introduces the concept of three types of protection against the permeation of chemicals:

- Type A: The glove gives a performance index to permeation at least equal to 2 for 6 chemical test substances taken from the list of chemicals specified in the standard.
- Type B : The glove gives a performance index to permeation at least equal to 2 for 3 chemical test substances taken from the list of chemicals specified in the standard.
- Type C : The glove gives a performance index to permeation at least equal to 1 for 1 chemical test substances taken from the list of chemicals specified in the standard.

CODE LETTER	CHEMICAL PRODUCT	CAS number
A	Methanol	67-56-1
B	Acetone	67-64-1
C	Acetonitrile	75-05-8
D	Dichloromethane	75-09-2
E	Carbon disulfide	75-15-0
F	Toluene	108-88-3
G	Diethylamine	109-89-7
H	Tetrahydrofurane	109-99-9
I	Ethyl acetate	141-78-6
J	n-Heptane	142-82-5
K	Caustic soda 40 % (NaOH or sodium hydroxide	1310-73-2
L	Sulphuric acid 96 %	7664-93-9
M	Nitric acid 65%	7697-37-2
N	Acetic acid 99%	64-19-7
O	Ammonium hydroxide 25%	1336-21-6
P	Hydrogen peroxide 30%	7722-84-1
S	Hydrofluoric acid 40%	7664-39-3
T	Formaldehyde 37%	50-00-0

PASSAGE TIME MEASURED (MN)	PERFORMANCE INDEX TO PERMEATION
> 10 mn	1
> 30 mn	2
> 60 mn	3
> 120 mn	4
> 240 mn	5
> 480 mn	6

EN ISO 374-5
AGAINST THE DANGERS OF MICRO-ORGANISMS

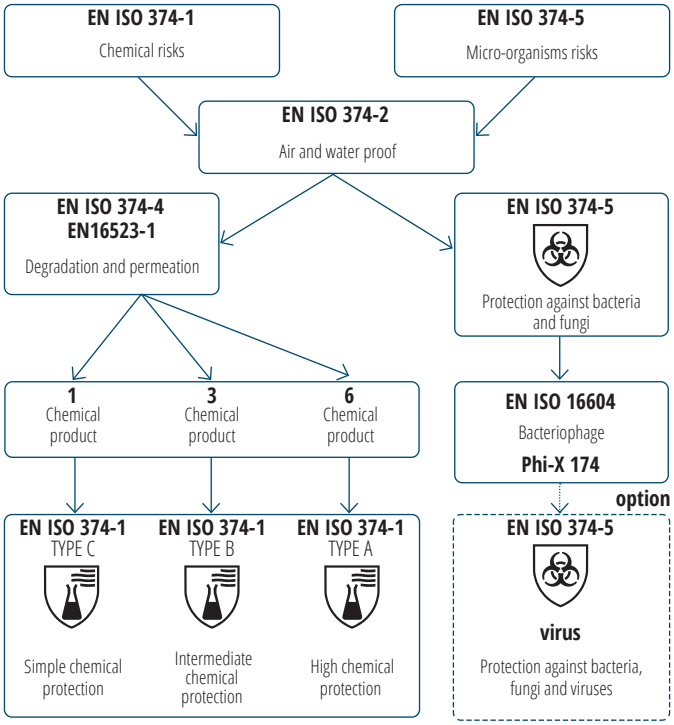
EN ISO 374-5 specifies the requirements and test methods for protective gloves intended to protect the user against microorganisms (mold and bacteria, potentially viruses).

Penetration of molds and bacteria (tested according to EN374-2): Test by which the water and airtightness of a glove is checked.

Penetration of viruses (tested according to method B of ISO 16604): Process that determines the resistance to penetration by blood-borne pathogens.

- Test method using Phi-X174 bacteriophage.

The glove, depending on its type, will bear the following pictogram:



Examples of application:

The field of use is decisive because, depending on the case, the glove may have to combine several properties in order to meet the necessary protection requirements. It is therefore very important to refer to the recommended areas of use and the results of the laboratory tests found in the instructions for use. However, it is recommended to check that the gloves are suitable for the intended purpose by carrying out tests beforehand, because the conditions at the workplace may differ from those of the standard test, depending on the temperature, abrasion and degradation.

ISO 18889
AGAINST PESTICIDE RISKS

Standard ISO 18889 specifies the performance requirements of protective gloves for pesticide operators and re-entry workers.

G1 gloves are suitable when the potential risk is relatively low. These gloves are not suitable for use with concentrated pesticide formulations and/or for scenarios where mechanical risks exist. G1 gloves are typically single use gloves.

G2 gloves are suitable when the potential risk is higher. These gloves are suitable for use with diluted as well as concentrated pesticides. G2 gloves also meet the minimum mechanical resistance requirements and are therefore suitable for activities that require gloves with minimum mechanical strength.

GR gloves provide protection only to the palm-side of the hand for a re-entry worker who is in contact with dry and partially dry pesticide residues that remain on the plant surface after pesticide application.

EN421
AGAINST IONISING RADIATION AND RADIOACTIVE CONTAMINATION

This standard provides requirements for protective gloves that are worn in an environment producing ionising radiation or in an environment containing radioactive substances.

A glove protecting against radioactive contamination must be waterproof according to EN374-2.

A glove that protects against ionising radiation must, in addition to being waterproof according to EN374-2, contain a certain amount of heavy metal such as lead.

EN ISO 10819
VIBRATION REDUCING EFFECTS

Standard **EN ISO 10819** specifies performance requirements for vibration attenuation through gloves. The vibration-reducing material must also satisfy thickness and consistency requirements. It should be noted that these gloves can reduce but not eliminate health risks associated with hand-transmitted vibration exposure. Vibration transmissibility in one-third-octave frequency bands from 25 to 200Hz must be equal to or less than 0.90. The one calculated in one-third-octave frequency bands from 200 to 1250 Hz must be equal to or less than 0.60.

CHEMICAL RESISTANCE TABLE

This table provides only general information. Be careful! Glove resistance is influenced by other factors such as temperature, chemical product concentration, thickness, immersion time, and others. For specific use conditions, we recommend testing the glove prior to use.

CHEM D-FINDER

http://gloves.deltaplus.eu

	CAS number	Latex	Neoprene	Nitrile	PVC vinyl
20% nitric acid	7697-37-2	Good	Good	Nothing	Nothing
30% and 5% hydrochloric acid	7647-01-0	Very good	Very good	Very good	Good
30% formaldehyde	50-00-0	Very good	Very good	Very good	Very good
30% hydrofluoric acid	7664-39-3	Good	Very good	Very good	Good
85% triethanolamine	102-71-6	Very good	Very good	Very good	Very good
90% formic acid	64-18-6		Good	Average	Nothing
Acetaldehyde	75-07-0	Very good	Very good	Nothing	
Acetone	67-64-1	Very good	Good		
Ammonium acetate	631-61-8	Very good	Very good	Very good	Very good
Ammonium carbonate	10361-29-2	Very good	Very good	Very good	Very good
Ammonium chloride	12125-02-9	Very good	Very good	Very good	Very good
Amyl alcohol	71-41-0	Very good	Very good	Very good	Very good
Aniline	62-53-3	Good	Good	Nothing	
Benzaldehyde	100-52-7			Nothing	
Benzene	71-43-2			Nothing	
Benzyl alcohol	100-51-6	Nothing	Good	Good	Good
Bichromate of potash	7778-50-9	Nothing	Very good	Very good	Very good
Butyl acetate	123-86-4		Nothing	Nothing	Nothing
Butyl alcohol (or n-butanol)	71-36-3	Very good	Very good	Very good	Very good
Calcium acetate	62-54-4	Very good	Very good	Very good	Very good
Calcium chloride	10043-52-4	Very good	Very good	Very good	Very good
Calcium hydrate	1305-62-0	Very good	Very good	Very good	Very good
Calcium nitrate	10124-37-5	Very good	Very good	Very good	Very good
Carbon tetrachloride	56-23-5		Nothing	Good	Nothing
Chlorinated lime	7778-54-3	Very good	Very good	Very good	Very good
Chlorine	7782-50-5		Very good	Very good	Very good
Chloroform	67-66-3		Nothing	Good	
Chromic acid	7738-94-5			Nothing	Good
Citric acid	77-92-9	Very good	Very good	Very good	Very good
Concentrated ammonia (aqueous solution)	1336-21-6	Very good	Very good	Very good	Very good
Concentrated boric acid	10043-35-3	Very good	Very good	Very good	Very good
Concentrated sulphuric acid	7664-93-9		Nothing		Good
Creosote	8001-58-9	Nothing	Very good	Very good	Very good
Cresol	1319-77-3		Very good	Very good	Very good
Crystallisable acetic acid	64-19-7	Very good	Very good	Good	Nothing
Cyclohexane	110-82-7		Nothing	Good	
Cyclohexanol	108-93-0	Very good	Very good	Very good	Very good
Cyclohexanon	108-94-1	Nothing	Nothing		
Dibutyl ether	142-96-1		Nothing	Very good	
Dibutyl phtalate	84-74-2	Good	Nothing	Very good	
Diehanolamine	111-42-2	Very good	Very good	Very good	Very good
Dioctylphtalate	117-81-7	Good	Very good	Very good	
Ethyl acetate	141-78-6		Nothing	Nothing	Nothing
Ethyl alcohol (or ethanol)	64-17-5	Very good	Very good	Very good	Very good
Ethylamine	75-04-7	Nothing	Nothing	Very good	Nothing
Ethylene dichloride	107-06-2			Nothing	
Ethylene glycol	107-21-1	Very good	Very good	Very good	Very good
Formaldehyde	50-00-0	Very good	Very good	Very good	Very good
Furol (furfural or furaldehyde)	98-01-1	Very good	Good		
Glycerin	56-81-5	Very good	Very good	Very good	Very good

	CAS number	Latex	Neoprene	Nitrile	PVC vinyl
Glycols	107-21-1	Very good	Very good	Very good	Very good
Hexane	110-54-3		Nothing	Very good	Nothing
Hydrobromic acid	10035-10-6	Very good	Nothing	Nothing	Nothing
Isobutyl alcohol (Isobutanol)	78-83-1	Very good	Very good	Very good	Very good
Magnesia	1309-48-4	Very good	Very good	Very good	Very good
Methyl acetate	79-20-9	Nothing	Very good	Nothing	Nothing
Methyl alcohol (or methanol)	67-56-1	Very good	Very good	Very good	Very good
Methyl salicylate	119-36-8	Very good	Very good	Very good	Very good
Methylamine	74-89-5	Very good	Good	Very good	Very good
Methylaniline	100-61-8	Nothing	Nothing	Very good	Very good
Methylcyclopentane	96-37-7		Nothing	Very good	Nothing
Methylene chloride	75-09-2		Nothing	Nothing	
Mono ethanol amine	141-43-5	Very good	Very good	Very good	Very good
Naphtalene	91-20-3		Nothing	Good	Nothing
N-butylamine	109-73-9	Very good	Very good	Very good	Very good
Nickel chloride	7718-54-9	Very good	Very good	Very good	Very good
Nitrate of ammonium	6484-52-2	Very good	Very good	Very good	Very good
Nitrate of potassium	7757-79-1	Very good	Very good	Very good	Very good
Nitrobenzene	98-95-3		Nothing	Nothing	
Octyl alcohol	111-87-5	Nothing	Very good	Very good	Nothing
Oleic acid	112-80-1	Nothing	Very good	Very good	Nothing
Oxalic acid	144-62-7	Very good	Very good	Very good	Very good
Phenyl chloride	108-90-7		Nothing	Nothing	
Phosphates of calcium	10103-46-5	Very good	Very good	Very good	Very good
Phosphoric acid	7664-38-2	Very good	Very good	Very good	Very good
Potassium acetate	127-08-2	Very good	Very good	Very good	Very good
Potassium bicarbonate	298-14-6	Very good	Very good	Very good	Very good
Potassium carbonate	584-08-7	Very good	Very good	Very good	Very good
Potassium chloride	7447-40-7	Very good	Very good	Very good	Very good
Potassium cyanide	151-50-8	Very good	Very good	Very good	Very good
Potassium manganate	7722-64-7	Very good	Very good	Very good	Very good
Potassium sulphate	7778-80-5	Very good	Very good	Very good	Very good
Propylene dichloride	78-87-5			Nothing	
Sodium bicarbonate	144-55-8	Very good	Very good	Very good	Very good
Sodium bisulphite	7631-90-5	Very good	Very good	Very good	Very good
Sodium carbonate	497-19-8	Very good	Very good	Very good	Very good
Sodium chloride	7647-14-5	Very good	Very good	Very good	Very good
Sodium chlorite	7681-52-9	Very good	Very good	Very good	Very good
Sodium nitrate	7631-99-4	Very good	Very good	Very good	Very good
Sodium sulphate	7757-82-6	Very good	Very good	Very good	Very good
Stearic acid	57-11-4	Good	Very good	Good	Good
Styrene	100-42-5		Nothing	Nothing	Nothing
Tetrachloroethylene	127-18-4		Nothing	Good	
THF = tetrahydrofurane	109-99-9	Good	Nothing		
Toluen	108-88-3	Nothing	Nothing	Good	Nothing
Tributyl phosphate	126-73-8	Nothing	Good	Good	Nothing
Trichlorethylene	79-01-6		Nothing	Nothing	
Tricresyl phosphate	1330-78-5	Very good	Good	Very good	Good
Triphenyl phosphate	115-86-6	Nothing	Very good	Very good	Nothing
Zinc sulphate	7733-02-0	Very good	Very good	Very good	Very good

Nothing = not recommended / Average Good Very good



FOOD COMPATIBILITY

Food compatibility is governed by:

Regulation (EC) N° 1935/2004 of the European Parliament and of the Council of 27th October 2004 on materials and articles intended to come into contact with foodstuffs.

Materials and articles must be manufactured in compliance with good manufacturing practice so that, under normal or foreseeable conditions of use, they do not transfer their constituents to food in quantities which could:

- Endanger human health ;
- Bring about an unacceptable change in the composition of the food or a deterioration in the organoleptic characteristics thereof.

Food contact of plastic materials is governed by Regulation (EU) No 10/2011 and the related requirements.

Materials PVC/Vinyl or even Latex/Nitrile gloves (unless local legislation exists) are directly subject to these regulations. They define:

- Positives lists of authorized constituents;
- The purity criteria applicable to some of these constituents;
- Special migration limits in foodstuffs for certain constituents;
- Maximum residual quantities of some constituents in the material;
- An overall migration limit in foods.
- A limit of metal content for plastic materials and objects.

Annex III of Regulation (EU) 10/2011 provides the list of stimulants to be used for testing migration of constituents of plastic materials and articles intended to come into contact with foodstuffs:

- Aqueous foods (pH > 4.5): Simulants A, B and C.
- Acid food (pH ≤ 4.5): Simulant B;
- Alcoholic foods (≤ 20%): Simulant C;
- Alcoholic foods (> 20%): Simulant D1.
- Fatty foods: Simulants D1 and D2.
- Foods containing free surface fats: Simulant D2.
- Dry foods: Stimulant E.

EN ISO 13688
GENERAL REQUIREMENTS

Reference standard, not for use alone, but only in association with another standard containing the protection performance requirements.

This standard specifies general performance requirements for ergonomics, innocuousness, size designation, durability, ageing, compatibility and marking of protective clothing and the information to be supplied by the manufacturer with the protective clothing.

INTERNATIONAL MAINTENANCE CODE FOR ARTICLES

TEXTILE	
	Treatment prohibited.
	Moderate treatment.
	Very light treatment.
WASHING	
	Maximum temperature 40°C. Normal mechanical treatment. Normal temperature rinsing. Normal spinning.
	Maximum temperature 40°C. Reduced mechanical treatment. Rinse at gradually decreasing temperature. Reduced spinning.
	Wash by hand. No machine washing. Maximum temperature 40°C. Treat with care.
	Do not wash. Treat with care when wet.
DRYING	
	Can be dried in rotating drum dryer. Normal program.
	Can be dried in rotating drum dryer. Moderate, low temperature program
	Do not dry in rotating drum dryer.
CHLORINATION	
	Chlorination (chlorine bleach).
	Chlorination possible solely in cold, diluted solution.
	No chlorination.
IRONING	
	Iron at the maximum iron sole plate temperature of 200°C.
	Iron at the maximum iron sole plate temperature of 150°C.
	Iron at maximum iron sole plate temperature of 110°C. Steam treatment presents risks.
	Do not iron. Steam treatment is forbidden.
DRY-CLEANING	
	Dry cleaning. The circle stands for dry-cleaning for textile articles (leather and fur articles are excluded). It contains information on the various dry cleaning treatments.
	Dry-cleaning prohibited.

EN14404:2024
KNEE PROTECTION

This European Standard provides the requirements and test methods for protective knee devices used by people that have kneel to carry out their work. This standard does not apply to the knee protection that are medical devices and are designed for sport.

KNEE PROTECTION	
EN 14404-2 : 2024	Knee protectors for kneeling work Part 2: Requirements for Type 1 portable knee protectors
EN 14404-3 : 2024	Knee protectors intended for use whilst kneeling – Part 3: Requirements for Type 2 individual combinations of knee pads and clothing

Type 1	Knee protection independent of other product and attached around the leg
Type 2	Plastic foam or other padding inserted in the pockets of trousers or permanently attached to the trousers

Level 0		Knee protectors are supposed to be adapted to flat floors and no resistance to penetration is required
Level 1		Knee protectors are supposed to be suitable for flat floors and resistance to penetration under a force of at least 100 (+/-5) N is required
Level1U		Knee pads providing protection against penetration with a force of at least 100 N and a force distribution of less than 30 N during tests on an uneven surface
Level 2		Knee protectors are supposed to be suitable for difficult conditions and resistance to penetration under a force of at least 250 (+/-5) N is required

EN342
PROTECTIVE CLOTHING AGAINST COLD

This standard specifies the requirements and performance test methods for protective clothing against cold at **temperatures lower than -5°C** (cold store / extreme cold workers).

There are two types of garment:

Garments: covering part of the body, e.g. parka, jacket, coat.

Suits: covering the whole body (trunk + legs), e.g. coveralls, parka & dungarees.

X (undergarment B/C/R) : $_{/cler}$ of the garment

X : Class of air permeability, **AP**

X : Class of resistance to water penetration **WP** (Optional)

NORDLAND	EN342
	0,358 m².K/W (B)
	3
	X

Insulation I cler M².K/W	Wearer in movement with an activity							
	Light 115 W/m²		Medium 170 W/m²					
	Air speed							
	0.4 m/s		3 m/s		0.4 m/s		3 m/s	
	8h	1h	8h	1h	8h	1h	8h	1h
0.265	3	-12	9	-3	-12	-28	-2	-16
0.310	-2	-18	6	-8	-18	-36	-7	-22
0.390	-9	-28	0	-16	-29	-49	-16	-33
0.470	-17	-38	-6	-24	-40	-60	-24	-43
0.540	-24	-45	-11	-30	-49	-71	-32	-52
0.620	-31	-55	-17	-38	-60	-84	-40	-61

EN14058
PROTECTIVE CLOTHING AGAINST COOL ENVIRONMENTS

This standard specifies the requirements and performance test methods for protective garments (vests, jackets, coats, trousers) against cool environments.

These garments are for use in moderate low temperatures (-5°C and over) to protect against local body cooling. Not only for outdoor use such as in the construction industry; may also be used for indoor activities, such as in the food processing industry.

These garments are not always necessarily made of air impermeable or watertight materials. Therefore, in this European standard, these requirements are optional.

X : Class of heat resistance, Rct

X : Class of air permeability, AP

X : $_{/cler}$ of the garment (Optional)

X : Class of resistance to water penetration **WP** (Optional)

ALASKA3	EN14058
	2
	2
	0,221 m². K/W
	X

Insulation I cler M².K/W	Wearer standing still, 75 W/m²			
	Air speed			
	0.4 m/s		3 m/s	
	8h	1h	8h	1h
0.170	21	9	24	15
0.265	13	0	19	7
0.310	10	-4	17	3

EN343
PROTECTIVE CLOTHING AGAINST RAIN

This standard specifies the requirements and test methods applicable to the materials and seams of protective clothing against foul weather (for example precipitation in the form of rain or snow), fog and ground humidity.

y : Class of resistance to water penetration (1 to 4), **Wp**

y : Class of water vapour resistance (1 to 4), R_{et}

R : Water tower test on whole garment (optional)

FINNMARK2	EN343
	3
	1
	X

DEFINITIONS

THERMAL RESISTANCE (Rct) IN M².K/W:

Measurement of the thermal insulation provided.
Divided into 4 classes (from 1 to 4) from the least insulating to the most insulating.
The higher the value, the greater the thermal insulation

AIR PERMEABILITY (AP) IN MM/S:

Determines the complex's permeability to air.
Divided into 3 classes (from 1 to 3) from the least airtight to the most airtight.

RESULTANT EFFECTIVE THERMAL INSULATION:

Measured on moving dummy ($_{/cler}$) .
The thermal insulation coefficient, expressed in m².K/W, is used to determine the optimum usage temperature of the garment in relation to the individual's activity and his exposure time.
Thermal insulation is measured with undergarments of type:

- **(B) for ensembles** (Undershirt with long sleeves, long underpants, socks, bootee + thermojacket, thermopants, knitted gloves, balaclava)
- **(R) for garments** (Undershirt with long sleeves, long underpants, socks, bootees, jacket, trousers, shirt, knitted gloves, balaclava)
- **(C) provided by the manufacturer**

WATER VAPOUR RESISTANCE (Ret) IN (M².PA)/W :

Measures the evaporative resistance, i.e. the product's obstacle to the passage of water vapour, or the barrier it offers to evaporation of transpiration on the surface of the skin. The higher a product's water vapour resistance, the greater this product's barrier to the passage of water vapour:

A breathing product has a low water vapour resistance.

Divided into 4 levels (from 1 to 4) from the least breathable to the most breathable.

Water vapour resistance Ret Class	Class			
	1	2	3	4
M2 - Pa w	Ret > 40	25 < Ret > 40	15 < Ret > 25	Ret < 15

RESISTANCE TO WATER PENETRATION (WP) IN PASCAL:

Measurement of the outer material and seams' resistance to water penetration under a water pressure of (980+/-50) Pa/min.

Divided into 4 levels (1 to 4) from the least impermeable to the most impermeable.

Water penetration resistance WP	Class			
	1	2	3	4
Specimen to be tested Material before treatment Material after each pre-treatment	WP > 8 000 Pa -	- WP > 8 000 Pa	- WP > 13 000 Pa	- WP > 20 000 Pa
Seams before pre-treatment	WP > 8 000 Pa	WP > 8 000 Pa	WP > 13 000 Pa	-
Seams after pre-treatment by cleaning	-	-	-	WP > 20 000 Pa

TOWER TEST:

Wicking length on sleeves and lower hems	Max 5 cm
Wicking length on trouser hems	Max 10 cm
Longueur de mèche sur les ourlets de capuche	Max 4 cm
Class 3	0 cm²

EN ISO 20471 HIGH VISIBILITY CLOTHING

This standard specifies the requirements for protective clothing aiming to signal the presence of the wearer visually, so that he may be detected and seen in hazardous situations, in all conditions of daylight, and night under illumination of car headlights.

There are three classes of high-visibility clothing. Each class must have minimum surfaces of visible material constituting the garment; the higher the class, the more visible the garment:

	Class 3	Class 2	Class 1
Background material (Fluorescent)	0,80 m²	0,50 m²	0,14 m²
Retroreflective material (Bands)	0,20 m²	0,13 m²	0,10 m²

Marking:

X : Class of high visibility surface (from 1 to 3)

EN ISO 20471

2

Max. 25x

EN ISO 20471

2 : Class of high visibility surface (from 1 to 3)

Max. 25x : Optional marking, number of maximum washes authorized for the model. On this example: 25 washes maximum (see indication of service temperature on the garment tag).

EN17353 IMPROVED VISIBILITY EQUIPMENT FOR MEDIUM RISK SITUATIONS

This standard specifies the requirements for enhanced visibility equipment in the form of a garment, or device, capable of visually signalling the presence of the user.

Enhanced Visibility Equipment is intended to provide visibility of the wearer in low or medium risk situations in all daylight conditions and/or under the illumination of vehicle headlights or headlights in the dark. This standard does not apply to high visibility equipment in high risk situations which are covered by EN ISO 20471..

TYPE A	TYPE B	TYPE AB
Daylight	Dark conditions	Daylight, twilight and dark conditions
Equipment using fluorescent material	Equipment using retroreflective material	Equipment using fluorescent material and retroreflective or combined performance material
	B1 (free hanging)	
	B2 (limbs)	AB2
	B3 (on torso or torso and limbs)	AB3

Minimum surface in m² for B1 and B2 type:

	B1	B2
Retroreflective material	0,003	0,018

Minimum surface in m² for type A, B3 and AB type:

	A	B3	AB	A	B3	AB
Height h of the user	h < 140 cm			h > 140 cm		
Fluorescent material	0,14	-	0,14	0,24	-	0,24
Retroreflective material	-	0,06	0,06	-	0,08	0,08
Combined performance material	-	-	0,14	-	-	0,24

EN1149-5 PROTECTIVE CLOTHING TO DISSIPATE STATIC ELECTRICITY

This European Standard specifies requirements for materials and the design of protective electrostatic dissipation clothing used in conjunction with a grounded system in order to prevent incendiary discharges. WARNING: These requirements may be insufficient in oxygen enriched flammable environments. This standard is not applicable for protection against mains voltages.

The control of undesirable static electricity on the person is often necessary.

The electrostatic potential may, indeed, have serious consequences on the charged individual, because it can be high enough to cause dangerous sparks.

After a risk assessment, the wearing of protective electrical dissipation clothing may be necessary. The use of clothing certified according to EN1149-5 is then adapted.

The ATEX Directive 1999/92/EC, in its Annex II-A-2.3, requests that workers be equipped with work clothes made of materials that do not produce electrostatic discharges that can ignite explosive environments.

The electrostatic potential can also affect equipment sensitive to electric discharge. Antistatic clothing is often used on electronic manufacturing sites, assembling semiconductors for example. Finally, they are used on sites with controlled atmospheres such as automotive paint workshops, to avoid the emission of particles that may be deposited on the body paint.

The antistatic charge dissipation can be provided by a process limiting the build up of charge, or by adding carbon or metal wires. People wearing protective electrostatic charge dissipation clothing must always be grounded with a resistance of less than $10^8\Omega$, for example, by wearing appropriate footwear such as the safety shoes stated in EN ISO 20345, or by other suitable means.

EN1073-2 PROTECTIVE CLOTHING AGAINST RADIOACTIVE CONTAMINATION

This standard specifies the requirements and test methods for non ventilated protective clothing against radioactive contamination in the form of particles.

Clothing of this type is designed only to protect the body, the arms and the legs of the wearer, but it may be used with accessories that protect other parts of the wearer's body (for example, boots, gloves, respiratory protective device - APR).

The garments are classified according to their nominal protection factor (ratio between the concentration of test particles in the ambient atmosphere and the concentration of test particles inside the garment), determined in relation to the total inward leakage (ratio between the concentrations of test particles insider the garment and inside the test chamber). The classes are as follows:

CLASS	NOMINAL PROTECTION FACTOR
3	500
2	50
1	5



EN ISO 20344
TEST METHODS FOR FOOTWEAR

This standard defines the test methods for safety footwear, protective footwear, and occupational shoes. It may be used only in conjunction with standards EN ISO 20345 and EN ISO 20347, which specify the requirements for the shoes as a function of specific levels of risk involved.

EN ISO 20345
BASIC REQUIREMENTS FOR SAFETY FOOTWEAR

In reference to standard EN ISO 20344, this European standard defines the basic and the additional (optional) requirements for safety footwear for the workplace, marked «S». The safety shoe is equipped with safety toe caps designed to withstand a maximum impact of 200 joules and crushing up to 15 kN.

EN ISO 20347
BASIC REQUIREMENTS FOR OCCUPATIONAL FOOTWEAR

These shoes are different from safety/protective footwear in that they have no protective toe cap for impact and crushing.



EN ISO 61340-5-1
GENERAL REQUIREMENTS - ESD CONTROL FOOTWEAR

This standard specifies the requirements and tests for electrostatic shoes with specific applications. It describes the test methods used to determine the electrical resistance of shoes used to control the electrostatic potential of the user's workstation.

EN ISO 20349-1 / EN ISO 20349-2
REQUIREMENTS AND TEST METHODS FOR PROTECTION AGAINST RISKS IN WELDING AND ALLIED PROCESSES.

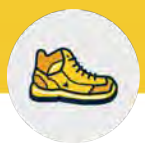
This standard specifies the requirements and tests for protective shoes against heat risks and molten metal splashes as in foundries or welding.

THE PARTS OF A SHOE



SIZE CORRESPONDANCE TABLE

EU	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
UK	1	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14
US	2	3	4	5	6	7	7.5	8	9	10	11	11.5	12	13	14	15
cm	22.4	23.1	23.7	24.4	25.1	25.7	26.4	27.1	27.8	28.4	29.1	29.7	30.3	31	31.6	32.3
mm	224	231	237	244	251	257	264	271	278	284	291	297	303	310	316	323



SB OR S1 TO S7 OR SBH (SAFETY FOOTWEAR) • OB OR O1 TO O6 OR OBH (OCCUPATIONAL FOOTWEAR)

CLASS 1 or 2	EN ISO 20345	EN ISO 20347
ALL MATERIALS	SB : basic properties	OB : basic properties
CLASS 1 - Assembled footwear Leather footwear and other materials, except rubber or polymer footwear	S1 : basic properties plus: - closed back - anti-static - energy absorbing heel	O1 : basic properties plus: - closed back - anti-static - energy absorbing heel
	S2 : the same as S1 plus: - waterproof	O2 : the same as O1 plus: - waterproof
	S3 : the same as S2 plus: - puncture resistant sole - studded sole	O3 : the same as O2 plus: - puncture resistant sole - studded sole
	S3L / S3S: like S2 plus: - puncture-resistant sole with non-metallic insert: L tested with Ø 4.5 mm spike / S with Ø 3 mm spike - lugged outsole	O3L / O3S: like O2 plus: - puncture-resistant sole with non-metallic insert: L tested with Ø 4.5 mm spike / S with Ø 3 mm spike - lugged outsole
	S6 : the same as S2 plus: - waterproof	O6 : the same as O2 plus: - waterproof
	S7: same as S3 (metal insert) plus waterproof	O7: same as O3 (metal insert) plus waterproof
	S7L : the same as S3L plus: - waterproof	O7L : the same as O3L plus: - waterproof
	S7S : the same as S3S plus: - waterproof	O7S : the same as O3S plus: - waterproof
CLASS 2 - Fully moulded footwear All rubber footwear (fully cured*) or all polymer	S4 : basic properties plus: - closed back - anti-static - energy absorbing heel	O4 :basic properties plus: - anti-static - energy absorbing heel
	S5 : the same as S4 plus: - puncture resistant sole - studded sole	O5 : the same as O4 plus: - puncture resistant sole - studded sole
	S5L / S5S: like S4 plus: - puncture-resistant sole with non-metallic insert: L tested with Ø 4.5 mm spike / S with Ø 3 mm spike - lugged outsole	O5L / O5S: like O4 plus: - puncture-resistant sole with non-metallic insert: L tested with Ø 4.5 mm spike / S with Ø 3 mm spike - lugged outsole
HYBRID FOOTWEAR Rubber foot (fully cured) or all polymer (fully moulded) / Top leather upper and other materials	SBH : properties specific to hybrid safety footwear	OBH : properties specific to hybrid work footwear

SYMBOLS FOR INDIVIDUAL SPECIFICATIONS EN ISO 20345 / EN ISO 20347 (without toe cap)

Footwear	Sole puncture resistance: P: with metal insert PL: with non-metal insert and tested with Ø 4.5 mm tip PS: with non-metal insert and tested with Ø 3 mm tip	**P PL PS**
	Electrical properties: Conductive footwear	**C**
	Antistatic footwear	**A**
	Insulating footwear	**See EN50321**
	Resistance to aggressive environments: Heat-insulated sole 150°C sandbox test, 30 minutes of exposure.	**HI**
	Sole insulated against cold Box test at -17°C for 30 minutes	**CI**
	Energy absorbing heel	**E**
	Water-resistant of the whole shoe (waterproof shoes in leather and other materials, class 1)	**WR**
	Metatarsal impact protection	**M**
	Ankle protection	**AN**
	Resistance of stone guards to abrasion	**SC**
Upper	Cut-resistant upper	**CR**
	Resistance of the rod penetration and water absorption (shoes in leather and other materials, class 1)	**WPA**
Outsole	Contact-heat resistant outsole 300°C for 60s	**HRO**
	Oil-resistant outsole	**FO**
	Grip system for ladders (spike design)	**LG**

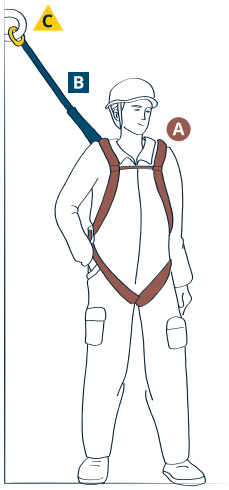
SYMBOLS FOR INDIVIDUAL SPECIFICATIONS EN ISO 20349-1 EN ISO 20349-2

Floor types	Symbols
Resistance to molten metal splashes, with use of aluminum as molten metal during the test. (EN ISO 20349-1)	**AL**
Resistance to molten metal splashes, with use of cast-iron as molten metal during the test. (EN ISO 20349-1).	**FE**
250°C sandbox test, 40 minutes of exposure (HI-3). (EN ISO 20349-1)	**HI**
WG indicates that the footwear complies with the requirements defined for welding footwear. (EN ISO 20349-2)	**WG**

RESISTANCE TO SLIPPING

On ceramic floors	Symbols
*Fundamental requirement: Resistance to sliding on Ceramic Flooring with water and detergent lubricant NaLS (Lauryl Sulphate)	
*Additional requirement: Slip resistance on Ceramic Floor with glycerine lubricant.	**SR**

If there is a risk of falling, it is compulsory to use a protective device against falls from a height. In order of priority: collective type protection (see DELTA PLUS SYSTEMS catalogue), then individual type protection if the first one is not possible.



An **INDIVIDUAL ANTI-FALL SYSTEM** is comprised of at least three elements

A **HARNESS**

+

B **FALL ARRESTER**

+

C **ANCHORAGE POINTS**

FALL ARREST EQUIPMENT

EN363

Describes the elements and situations of personal protection against falls from height.

EN364 TEST METHOD

Describes the equipment and test methods for PPE against falls from height.

EN365 GENERAL REQUIREMENTS FOR THE INSTRUCTIONS FOR USE AND THE MARKING

Describes the markings and information (operating instructions) on or accompanying the PPE against falls from a height.

HARNESS

A



EN361 FULL BODY HARNESS

Body securing device intended to stop falls. The full body harness can be made of straps, buckles and other elements; set and adjusted in a right way on the body of an individual to secure him during a fall and afterwards.

FALL ARRESTER

B



EN355 ENERGY ABSORBER

Component of a fall arrest equipment, which guarantees the stop of a fall from a height in safety by reducing the impact of the shock. WARNING: If we associate a lanyard energy absorber, the total length of the entire device must not exceed 2 m.



EN360 SELF-RETRACTABLE FALL

Fall arrester with self-locking device and a self-retractable system for the lanyard. An energy reducer (absorber) can be built-in in the equipment.



EN353-1 MOBILE FALL ARRESTER ON RIGID ANCHORAGE LINE

Equipment consisting of a mobile fall arrester with self-locking, integral with its rigid anchorage line (rail, cable...). An energy reducer can be built-in on the equipment.

EN353-2 MOBILE FALL ARRESTER ON FLEXIBLE ANCHORAGE LINE

Equipment consisting of a mobile fall arrester with self-locking, integral with its flexible anchorage line (rope, cable...). An energy reducer (absorber) can be built-in in the equipment.

ANCHORAGE POINTS

C



EN795 2012 ANCHORAGE DEVICES

Element of a fall arrester system to which a personal protective equipment can be fastened.

Type A - NON PPE : Anchor device with one or more stationary anchor points with the need of a structural anchor.
Type B: Anchor device with one or more stationary anchor points without the need of a structural anchor.
Type C - NON PPE : Anchor device employing a flexible anchor line with maximum deviation of 15°.
Type D - NON PPE : Anchor device employing a rigid anchor line with maximum deviation of 15°.
Type E: Anchor device for use on surfaces with a maximum slope of 5°.



EN362 CONNECTOR

Connection element or equipment component. A connector can be karabiner or a snap hook.

Class A: Anchorage connector, automatic lock used as the component and designed to be connected directly to a specific type of anchorage.
Class B: Primary connector with automatic lock used as the component.
Class M: Multi-purpose connector, primary or quick opening, used as a component, which can be loaded along its major axis or minor axis.
Class Q: Quick opening connector used in long-term or permanent applications, screw lock. When completely screwed this part is a supporting part of the connector.
Class T: Manufactured end connector, automatic lock, designed as part of a subsystem for attachment so that the load is carried in a predetermined direction.

WORK SITUATIONS

WORK POSITIONING SYSTEM



EN358 WORK POSITIONING OR RESTRAINING BELTS AND LANYARDS

A work positioning system consists of components (work positioning belt and lanyard) linked to one another to form a complete equipment.

RESTRAINT



EN358 WORK POSITIONING OR RESTRAINING BELTS AND LANYARDS

EN354 LANYARDS

Connection elements or equipment component. A lanyard can be in rope made of synthetic fibres, in metallic rope, in strap or in chain.

CAUTION: A lanyard without energy absorber must not be used as a fall arrest equipment.

ROPE ACCESS SYSTEM



EN12841 ROPE ACCESS SYSTEM A ROPE DEVICE FOR WORK POSITIONING.

There are several types of device:

Type A: Rope adjuster device for safety support that accompanies the user during his changes in position and/or to adjust the safety support length and which automatically locks on the safety support under a static or dynamic load action.

Type B: Ascent device for work support, manually operated rope adjustment device which, when attached to a safety support, locks under the action of a load in one direction and slides freely in the opposite direction. A type B device must be used in conjunction with a type A device connected to a separate safety support.

Type C: Descending device for work support, manually operated rope adjustment device with friction which allows the user to perform a controlled downward movement and to stop, by releasing, anywhere on the safety support. A type C device must be used in conjunction with a type A device connected to a separate safety support.

EN813 SEAT HARNESSES

Belts equipped with a ventral point allowing a system of support, restraint, or access by ropes.

EN358 WORK POSITIONING OR RESTRAINING BELTS AND LANYARDS

EN354 LANYARDS

EN12275 MOUNTAINEERING AND CLIMBING EQUIPMENT - CONNECTORS

Safety requirements and test methods.

Type B: Primary connector with automatic lock with enough strength to be used anywhere on a safety system.

Type H: HMS self-closing connector, usually pear-shaped, used to link a mountaineer to a Via Ferrata anchoring system.

Type K: Via Ferrata self-closing connector, used primarily for dynamic belaying, HMS type.

Type D: Directional connector or combination of one or more connectors with automatic lock and straps, used to ensure that the load is carried in a predetermined direction.

Type A: Special anchorage automatic lock connector only used to be directly connected to a special type of anchorage.

Type Q (Quicklink): Connector with screw lock. When completely screwed this part is a supporting part of the connector.

EN12278 MOUNTAINEERING AND CLIMBING EQUIPMENT - PULLEYS

Safety requirements and test methods

EN1891 SHEATHED BRAIDED ROPE WITH A LOW COEFFICIENT OF ELONGATION (STATIC ROPES)

EN341 PPE AGAINST FALLS FROM HEIGHT

Descending devices, classified according to the following data

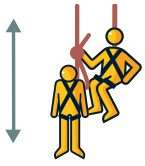
Class A: Descent energy W up to 7,5 x 106 J

Class B: Descent energy W up to 1,5 x 106 J

Class C: Descent energy W up to 0,5 x 106 J

Class D: For a single descent. The descent energy depends on the maximum descent height and the maximum nominal load.

RESCUE



EN1496 RESCUE EQUIPMENT

Rescue lifting devices. There are several device classes:

Class A: Component or subset of a rescue equipment for the lifting of a person with the help of a rescuer, or on its own from a low point to a high point.

Class B: Analogue device of class A device, but with an additional function of manual control for descent to lower a person over a limited distance of 2 m.

EN1498 RESCUE STRAP

EN341 DESCENDING DEVICES

OTHER QUALIFYING STANDARDS

Recommandations for severals users	**CEN/TS 16415** It is not a standard but a recommendation to test the anchors used by 2 or more persons. This technical specification was approved by CEN (European Committee for Standardisation) on July 30, 2012 for a provisional application and allows the use of an anchor by several people simultaneously.
Mountaineering and climbing	**EN567 EQUIPMENT FOR MOUNTAINEERING AND CLIMBING** Safety requirements and test methods for blockers. **EN12275 MOUNTAINEERING AND CLIMBING EQUIPMENT - CONNECTORS** **EN12278 MOUNTAINEERING AND CLIMBING EQUIPMENT - PULLEYS**
Load securing	**DIRECTIVE 2006/42/CE** for the machines or equipments with mobile function.
Waterproofing	**EN60529:1991 + A1:2000 + A2:2013** The protection index (IP) Classifies the level of protection offered by a material from solid and liquid intrusion. The index format is IPxx where the 1st digit indicates the protection from dust, the 2nd digit the protection from water intrusion.



THE REGULATION (EUROPEAN UNION)

EU Regulation 2016/425 establishes the requirements applicable to the design and manufacture of personal protective equipment (PPE) intended to be made available on the market, with a view to ensuring the protection of the health and safety of users.

Compliance with the provisions and requirements of this Regulation allows the manufacturer to affix the CE marking on the PPE. The EU Regulation 2016/425 has replaced the EEC Directive 89/686 since 21/4/2018.

STANDARDISATION

Its objective is to develop test methods and requirements in the form of standards defining the technical specifications of products. Some of them, mostly requirements standards, are harmonised with EU Regulation 2016/425. Compliance with these harmonised standards gives an assurance of compliance with the requirements of EU Regulation 2016/425.

CATEGORISATION

Taking into account the level of risk covered, the Regulation defines the PPE categories and determines the various manufacturer's obligations:

- **PPE category 1:** Protection against minor risks.
- **PPE category 2:** All PPE that are not category 1 or 3.
- **PPE category 3:** Protection against disability or fatality.

CERTIFICATION PROCEDURE

- **Category 1 PPE:** Evaluation of conformity by the manufacturer (Module A)
- **PPE category 2 and 3:** EU type examination of the PPE (Module B) by a notified independent body for which compliance (with Regulation EU 2016/425) is verified using standards that are in accordance with the regulation. Issuance of the EU Type Examination Certificate (confidential document).
- **PPE category 1, 2 and 3:** CE marking on the product.
- **PPE category 3:** Control by a notified independent body that ensures compliance of the manufacture with the examined PPE:
  - either monitoring of conformity to the type based on the internal control of production and supervised controls of the product at random intervals (Module C2),
  - or conformity to the type based on quality assurance of the production method (Module D).
- **PPE category 1, 2 and 3:** Writing by the manufacturer of the EU Compliance Declaration which proves the compliance of the PPE with Regulation EU 2016/425 to the distributor and the market enforcement authorities.

The product sheet, the user instructions and the Declaration of Conformity are available online on our website: www.deltaplus.eu

OTHER APPROVALS (OUTSIDE EUROPEAN UNION)

Some of our products are approved under the standards and/or regulations of many countries.

The products concerned (and / or their packaging) have the following markings:

USA	**ANSI ASTM NFPA**
Argentina	AR
Brazil	**CA**
China	**Normes GB**
Canada	CSA

Ukraine	023
Common Economic Space (Armenia, Kyrgyzstan, Russia, Belarus, Kazakhstan)	EAC **TP TC 019/2011**
India	ISI
Mexico	NOM

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