

# General Catalogue



WORKPLACE  
**SAFETY**  
equipment  
& clothing

# Contents

## 01

### Work gloves

Types of gloves .....	6
Choosing gloves .....	7
European Regulations .....	8
Risk tables .....	10
Behaviour with chemical elements .....	12
Cotton gloves .....	14
Anti-cutting gloves .....	16
Seamless gloves .....	18
Latex gloves with support .....	22
Latex gloves without support .....	24
Dielectric gloves .....	26
PVC gloves .....	28
Neoprene gloves .....	30
Nitrile gloves without support .....	32
Nitrile gloves with support .....	33
American leather and canvas gloves .....	36
American reinforced gloves .....	39
Driver gloves .....	40
Insulated gloves .....	42
Disposable gloves .....	44
Welding gloves .....	46

## 02

### Workwear

European Regulations .....	50
Pro Series Canvas Line .....	54
Pro Series First Line .....	64
Pro Series Stretch Pants .....	68
Casual Series .....	71
Casual Series Pants .....	72
Super Top Series .....	74
Top Series .....	76
Basic Line .....	81
Shirts .....	84
Polos .....	86
Jumpers, sweaters and jerseys .....	88
Complementary items .....	90

## 03

### Fireproofing & Anti-static

European Regulations .....	94
Fireproofing and anti-static (cotton) .....	96
Fireproofing and anti-static (inherent fabric) .....	98
Welding .....	100

## 04

### Disposable Clothing

European Regulations .....	104
STEELGEN - Chemical regulations .....	106
STEELGEN - Non-chemical risk .....	109

## 05

### High Visibility

European Regulations .....	112
Polos .....	114
Jackets .....	116
Overalls .....	117
Infinite Series .....	118
Windbreakers .....	119
Fireproof and anti-static clothing .....	120
Economic Series .....	121
Fleeces .....	122
Windbreakers .....	123
Parkas .....	124
Aqua Flo .....	126

## 06

### Coats & Rain Gear

Jackets .....	130
Polar Fleeces .....	132
Windbreakers .....	133
Parkas .....	136
Rain Gear .....	138



# 07

## Safety Footwear

European Regulations .....	142
Confort Series .....	144
U-LIGHT Series .....	146
PU/Rubber Series .....	150
Metal Series .....	152
White Series .....	154
Basic Metal Free Series .....	156
Metal Basic Series .....	160
Sporty Series .....	162
Trekking Series .....	169
Trekking Series without protection .....	172
Water boots .....	173
Complimentary accessories .....	175

# 08

## Height Protection

European Regulations .....	178
Harnesses and belts .....	180
Special harnesses and belts .....	190
Mooring and positioning elements .....	194
Shock absorbers .....	196
Ergo Shock Line .....	198
Carabiners .....	202
Retractable gear .....	204
Anchor points .....	206
Anchor plates and fixtures .....	208
Height kits .....	209

# 09

## Hearing Protection

European Regulations .....	216
Selection Guide .....	218
Disposable .....	220
Reusable .....	221
Detectable .....	222
With band .....	223
Earplugs .....	224

# 10

## Head Protection

European Regulations .....	228
Helmets .....	230
Electrical insulation helmets .....	233
Caps .....	236

# 11

## Eye Protection

European Regulations .....	240
Selection Guide .....	242
Universal mounted glasses .....	246
Pro Line mounted integrated glasses .....	264
Steel Line .....	269
Rocket Line Face Shield .....	270
Volt Line Face Shield .....	271
Crasher Line Face Shield .....	272
Optech Line Welding Shield .....	274

# 12

## Respiratory Protection

European Regulations .....	278
Selection Guide .....	280
Folding masks .....	282
Moulded masks .....	284
Moulded masks (carbon activated) .....	286
Half masks .....	288
Masks .....	290

# 13


## Other Protection

Eyewashes .....	294
Showers and eyewashes .....	296
Fireproof blankets .....	299

## »»»»» Work gloves







Range of professional gloves, specially designed for maintenance work in many sectors, and general handling application when dealing with mechanical, chemical or temperature risks, among others. Compliant with European regulations, with the highest of comfort, safety and ergonomic standards.

# 01

## TYPES OF GLOVES

gloves can be roughly divided into two categories:

### 1. Synthetic gloves.

– By design:

- With support, made from materials such as cotton and nylon, etc., which are then coated with a synthetic material (typically latex, polyurethane or nitrile).
- Without support, in which the glove mold is made directly from the synthetic material (nitrile, latex or neoprene, etc.).

– By the materials used:

- Latex, nitrile or PVC gloves, etc.

### 2. Leather gloves.

– By design: Driver, welder or American-style gloves, etc.

– By the materials used

- Grain leather: Made from the pelt's outer layer (improved comfort and dexterity).
- Split leather: Using the pelt's inner layers (increased resistance to abrasion).

## DEFINITIONS

- **Hand:** Part of the body from the tip of the middle finger to the wrist.
- **Glove:** PPE intended to protect the hand, or a part of it, against risks.
- **Risk:** Unwanted situation that may cause damage to the worker's health.
- **Palm of the glove:** The part of the glove that covers the palm of the hand.
- **Back of the glove:** The part of the glove that covers the back of the hand.
- **Dexterity:** A measure of its flexibility in performing a job. It concerns the thickness, elasticity and deformability of the glove.
- **Performance level:** Number indicating the value obtained in a relevant test, based on specified standards.

## MATERIALS

- Natural fibres, such as cotton, provide comfort, breathability and a resistance to abrasion for general use.
- Synthetic materials, such as nylon (for tearing and abrasion), PVC (for abrasion and chemical products like fats, oils and alcohol), and neoprene (for heat and chemical products).
- Leather (Grain and split), which is comfortable and breathable, offers strong mechanical properties (particularly against abrasion and tearing).
- Coatings
  - **Latex.** Comfortable, elastic and dexterous. Resistant to liquid chemicals, with excellent grip and a strong resistance to abrasion.
  - **Polyurethane.** Elastic and resistant to abrasion and tension. Resistant to alcohols, hydrocarbons and solvents. Very strong grip, breathable and with a strong resistance to abrasion.
  - **Nitrile.** Synthetic rubber, which is resistant to oil-, lubricant- and petroleum-based products. Strong mechanical and perforation resistance. Highly resistant to chemicals.

## GLOVE LABEL

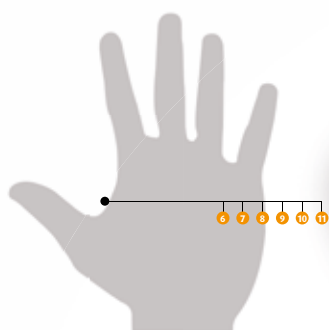


## CHOOSING GLOVES

1º Identify the glove that is needed, taking into account the tasks to be carried out in the workplace (size of the pieces, their weight, required precision, etc.) and the main risks to be covered, according to their importance (electric, chemical, thermal, mechanical risks, etc.). Choose the appropriate provisions for each risk.

The environment should also be taken into account (interior/exterior, humidity, etc.).

2º Identify the user's size: Check your size.



### COMPRUEBE SU TALLA

Ponga su mano aquí sobre el diagrama para medir la talla de su mano.



- The choice of size is very important, not only in terms of comfort, ergonomics and protection to the user, but also in regards to the correct execution of work. A bad choice of size can reduce the accuracy of the job carried out (inefficiency) or lead to greater risks (errors), and increases exposure to risk by lengthening the duration of tasks.



Work gloves, like all Personal Protection Equipment, can be classified in 3 categories:

## Category 1

- gloves whose efficiency against minimum risks, based on their simple design, can be judged by the user and employed without risk against superficial mechanical injuries, handheld products or easily noticed effects, such as shocks and vibrations, which will not affect the vital parts.
- These gloves must pass the EN420, a standardised regulation, which regulates the minimum requirements to be met by work gloves: dexterity, PH, chromium content, size, safety, etc.
- The label to be included on Category 1 gloves should show:
  - Identification of the manufacturer or agent (logo, NIF...)
  - Reference or model.
  - Size.
  - CE marking.

## Category 2

gloves designed to avoid all manner of risks that could not cause very serious injury or death (intermediate risks).

- In addition to EN420, these gloves are required to pass the standardised regulations that manage risks comparable to those which the glove is recommended for.
- The label to be included on Category 2 gloves should show:
  - Identification of the manufacturer or agent.
  - Symbol of the risk for which it is recommended.
  - Resistance levels.
  - Model or reference.
  - Size.
  - Pictogram relative to the information brochure.
  - CE marking.
- The conformity with the regulations has to be done by a laboratory notified by the EC, by issuing an EC certificate.

## Category 3

gloves designed to avoid all manner of risks that could not cause very serious injury or death (intermediate risks).

In addition to EN420, these gloves are required to pass the standardised regulations that manage risks comparable to those which the glove is recommended for.

The label to be included on Category 3 gloves should show:

- Identification of the manufacturer or agent.
- Symbol of the risk for which it is recommended.
- Resistance levels.
- Model or reference.
- Size.
- Pictogram relative to the information brochure.
- CE Marking, plus the identification number of the notified Control Body in charge of the EU quality control during the production phase.
- They must be certified by a recognised body, and the manufacturer must adopt one of the regulated EU quality-assurance systems for marketing, in accordance with R.D. 1407/1992.



## EN 388:2016

Value Specs **MECHANICAL RISKS**

BEFORE  
4  
values  
abcd



NOW  
6  
values  
abcdef

- **a / Abrasion** (1 al 4).
- **b/ Cut by blade** (1 al 5). Optional if 'e' value is displayed.
- **c/ Tearing** (1 al 4).
- **d/ Perforation** (1 al 4).
- **e/ Cutting** (new test, EN ISO 13997, in Newtons). (A to F). Optional test, and mandatory if 'cut by blade' (b) shows wear.
- **f/ Impact** (P if test is passed).



## EN 374:2016

Specifies the requirements for:



### EN 374-1 CHEMICAL RISK

**Type A**

**Type B**

**Type C**

#### MINIMAL CHEMICAL RESISTANCE

**6**

Contaminants

**3**

Contaminants

**1**

Contaminants

\*Each contaminant is assigned a letter and is shown below the type of glove.



### EN 374-5 FOR MICROORGANISMS (Bacteria and fungi)

'Virus' will be written beneath the logo if the 'virus test' is passed.

### Symbol Regulation Description



**EN 407**

Thermal risk (temperatures between 50°C and 100°C). Inflammable, contact heat, convective heat, radiant heat, small and large volumes of molten metal.



**EN 511**

Cold risks (up to -50°C). Convective cold, contact cold, water impermeability.



**EN 12477**

Welding risks. These are classified into two types: A and B. They have to be tested according to EN388 (mechanical risk) and EN407 (thermal risk) standards, and pass the minimum requirements for each. These ratings and dexterity give us the glove's classification. Type B gloves are generally recommended for jobs which require a high level of dexterity (for example, TIG welding).



**EN 1082-1**

Cutting and puncture risks brought about by handheld blades.

















**EN 60903**

Electrical risks. They are grouped into six classes, according to their maximum voltage usage.





Class	00	0	1	2	3	4
Test Voltage	2.500V	5.000V	10.000V	20.000V	30.000V	40.000V
Max Power Usage	500V	1.000V	7.500V	17.000V	26.500V	36.000V

# Work gloves / RISK TABLE

REFERENCE	GENERAL HANDLING	MECHANICAL PROTECTION	ANTI-CUT PROTECTION	CHEMICAL PROTECTION	WELDING PROTECTION	HEAT PROTECTION	COLD PROTECTION	ANTI-PUNCTURE PROTECTION	ELECTRICAL PROTECTION	FOOD INDUSTRY	PAGE NUMBER
 688-PF	•										15 pag.
 688-PG	•										15 pag.
 688-G	•										14 pag.
 688-NYPU/N	•	•									21 pag.
 688-NYPU/G/N	•	•									21 pag.
 688-NYN/N	•	•									20 pag.
 688-NYN/B	•	•									19 pag.
 688-NYNC	•	•									20 pag.
 688-NYPU/U	•	•									18 pag.
 688-NYLF	•	•					•				19 - 43 pag.
 688-NYL	•	•									18 pag.
 688-CUT PRO	•	•	•								16 pag.
 688-MM			•					•		•	17 pag.
 688-AA		•	•							•	17 pag.

REFERENCE	GENERAL HANDLING	MECHANICAL PROTECTION	ANTI-CUT PROTECTION	CHEMICAL PROTECTION	WELDING PROTECTION	HEAT PROTECTION	COLD PROTECTION	ANTI-PUNCTURE PROTECTION	ELECTRICAL PROTECTION	FOOD INDUSTRY	PAGE NUMBER
 688-CUT	•	•	•								16 pag.
 688-EGRIP	•	•									23 pag.
 688-LUT	•										45 pag.
 688-NUT	•									•	45 pag.
 688-VAUT	•									•	44 pag.
 688-VTUT	•										44 pag.
 688-LT top	•	•									22 pag.
 688-LC top	•	•									23 pag.
 688-LDA/N		•		•						•	25 pag.
 688-LDY	•	•								•	24 pag.
 688-LDN/N		•		•						•	25 pag.
 688-LB/N		•		•						•	31 pag.
 688-NEO/N		•		•							30 pag.
 688-NEOL/N		•		•							31 pag.

REFERENCE	GENERAL HANDLING	MECHANICAL PROTECTION	ANTI-CUT PROTECTION	CHEMICAL PROTECTION	WELDING PROTECTION	HEAT PROTECTION	COLD PROTECTION	ANTI-PUNCTURE PROTECTION	ELECTRICAL PROTECTION	FOOD INDUSTRY	PAGE NUMBER
 688-NTF/N	•	•									34 pag.
 688-NCF/N	•	•									34 pag.
 688-NI/N	•	•									33 pag.
 688-NC	•	•									33 pag.
 688-NCE/N	•	•									35 pag.
 688-NTE	•	•									35 pag.
 688-ND/N		•		•						•	32 pag.
 688-NDL/N		•		•						•	32 pag.
 688-PVC27Q	•	•		•							29 pag.
 688-PVC35Q	•	•		•							29 pag.
 688-PVC27B	•	•									28 pag.
 688-DI									•		26 pag.
 788-LF	•	•					•				43 pag.
 788-T	•	•									37 pag.

REFERENCE	GENERAL HANDLING	MECHANICAL PROTECTION	ANTI-CUT PROTECTION	CHEMICAL PROTECTION	WELDING PROTECTION	HEAT PROTECTION	COLD PROTECTION	ANTI-PUNCTURE PROTECTION	ELECTRICAL PROTECTION	FOOD INDUSTRY	PAGE NUMBER
 788-O	•	•									36 pag.
 788-NEB	•	•									38 pag.
 788-NEA	•	•									38 pag.
 788-P	•	•									37 pag.
 788-RE	•	•									39 pag.
 788-RW	•	•									39 pag.
 788-MX	•	•			•	•					47 pag.
 788-M		•			•	•					46 pag.
 788-MA		•			•	•					46 pag.
 788-MR		•			•	•					47 pag.
 788-LG	•	•									41 pag.
 788-LGS	•	•									42 pag.
 788-L	•	•									40 pag.
 788-LI	•	•									41 pag.

## Behaviour with Chemical Elements

	Risk	Latex	Neoprene	Nitrile	Vinyl PVC
Ammonium acetate	B				
Ammonium acetate	A				
Amyl acetate	C				
Calcium acetate	-				
Ethyl acetate	C				
Potassium acetate	B				
Acetone	C				
Acetic acid (glacial)	B				
Concentrated boric acid	A				
Hydrobromic acid	B				
Hydrobromic acid	B				
Hydrochloric acid, 30% and 5%	B				
Chromic acid	B				
Citric acid	A				
Hydrofluoric acid, 30%	B				
Formic acid, 90%	B				
Lactic acid, 85%	A				
Nitric acid, 20%	B				
Oleic acid	A				
Oxalic acid	A				
Carbolic acid	D				
Phosphoric acid	B				
Stearic acid	A				
Sulphuric acid (concentrated)	B				
Sulphuric acid (diluted)	B				
Tartaric acid	A				
Amyl acid	C				
Benzyl alcohol	E				
Butyl alcohol (or n-butanol)	D				
Ethyl alcohol (or ethanol)	D				
Isobutyl alcohol (or isobutanol)	A				
Methyl alcohol (or methanol)	C				
Acetic aldehyde (or acetaldehyde)	F				
Benzaldehyde	E				
Formaldehyde, 30%	C				
Concentrated ammonia	B				
Aniline	E				
Asphalt	E				
Benzene	E				
Potassium bicarbonate	A				
Sodium bicarbonate	A				
Sodium bisulfite	A				

	Risk	Latex	Neoprene	Nitrile	Vinyl PVC
Borax	A				
Bromides	C				
Ammonium carbonate	B				
Sodium carbonate	-				
Potassium carbonate	B				
Quicklime	B				
Slaked lime	A				
Chlorine	B				
Chloroacetone	C				
Chloroform	F				
Ammonium chloride	B				
Calcium chloride	-				
Stannous chloride	E				
Methylene chloride	C				
Nickel chloride	A				
Potassium chloride	B				
Sodium chloride	B				
Creosote	D				
Cresol	D				
Potassium cyanide	D				
Cyclohexane	C				
Cyclohexanol	A				
Cyclohexanone	C				
Herbicides	A				
Household detergents	A				
Diacetone alcohol	C				
Dibutyl ether	E				
Dibutyl phthalate	E				
Dichloromethane	F				
Propylene dichloride	F				
Diethanolamine	E				
Diethyl phthalate	E				
Bleach	B				
Oxygenated water	D				
Agua Regia	F				
Fertiliser	C				
Turpentine	E				
Car oil	E				
Light oil	E				
Diethyl ether (pharmaceutical)	A				
Ethylamine	A				
Ethylaniline	E				

	Excellent
	Good
	Average
	Discouragement

Note: This list is merely a guideline as to how the glove materials will react in contact with certain chemical elements. The correct glove should be used for the specific chemical risk, taking specific work conditions (contaminants, concentration, period of exposure, etc.) into account.



	Risk	Latex	Neoprene	Nitrile	Vinyl PVC
Ethylene glycol	F				
Fixatives	E				
Hydraulic fluids (ethers)	C				
Calcium fluorophosphate	B				
Fluorides	B				
Formol (or formaldehyde)	-				
Combustibles	F				
Fural (furfural or furaldehyde)	E				
Diesel	F				
Glycerin	-				
Glycol	F				
Animal fats	-				
Mineral oils	F				
Hexane	F				
Cutting oil	F				
Brake oil (lockhead)	F				
Greasing oils	F				
Hydraulic oils (petroleum)	F				
Lard oils	-				
Paraffin oil	-				
Pine oil	-				
Castor oil	-				
Soybean oil	-				
Calcium hydroxide	B				
Calcium hypochlorite	B				
Sodium hypochlorite	B				
Methyl Isobutyl Ketone	F				
Kerosene	F				
Milk and dairy products	-				
Washing powder	B				
Magnesium oxide	-				
Fuel oil	F				
Methyl acetate	E				
Methylamine	E				
Methylaniline	E				
Methylcyclopentane	F				
Butanone	F				
Methyl formate	F				
Methyl isobutyrate	F				
Monochlorobenzene	F				
Naphtha	F				
Naphthalene	F				

	Risk	Latex	Neoprene	Nitrile	Vinyl PVC
n-Butylamine	F				
Ammonium nitrate	B				
Calcium nitrate	B				
Potassium nitrate	B				
Sodium nitrate	B				
Nitrobenzene	B				
Nitropropane	B				
Perfumes and spirits	B				
Glycerophthalic paint	C				
Water-based paints	A				
Perchloroethylene	F				
Potassium permanganate	D				
Calcium phosphates	C				
Potassium phosphates	D				
Sodium phosphates	B				
Potash flakes	B				
Potash in concentrated lye	B				
Petroleum products	F				
Polyester resins	F				
Silicate	B				
Soda flakes	B				
Soda in concentrated lye	B				
Styrene	A				
Potassium sulphate	B				
Sodium sulphate	B				
Zinc sulphate	D				
Sulphates, bisulphates and hyposulphates	B				
Carbon tetrachloride	B				
THF = Tetrahydrofuran	B				
Toluene	A				
Tributyl phosphate	D				
Trichloroethylene	F				
Trinitrobenzene	E				
Trinitrotoluene	E				
Triphenyl phosphate	E				
Vinegar and condiments	B				
White spirit	F				
Xylene	F				
Xylophene	F				

**Risk guidelines**

-	Non-toxic but contact may be harmful
A	May cause burns
B	Danger of burns
C	Toxic
D	Highly toxic
E	Highly toxic with secondary effects
F	Highly toxic with irreversible and mortal effects

## COTTON gloves



### 688-G

Cotton canvas gloves with PVC points on the palm and fingertips.

**Applications** General handling. Specialised glove for jobs requiring a high level of adhesion (bottling, packaging, assembly, removing pieces from molds, etc). Also used for agriculture, fruit picking and general gardening.

**Features and Advantages**

- Canvas glove (very tightly woven and) reaming 100% cotton with PVC points on palm and fingers with elastic wrist closing.
- Being 100% cotton it is comfortable, breathable and absorbs sweat very well.
- Elastic cuff that keeps inside of the glove dry and keeps dirt out.
- The PVC finger points permit not only greater adhesion, but also prolong the useful life of the glove, since they offer great resistance to abrasion.

CE EN 420

Size\_ 9





## 688-PG

**Knitted fisherman's glove in white/grey cotton or polyester.  
Elasticated cuff.**

**Applications** General handling . Specialised gloves for or jobs that relate to construction , fishing, mining , agriculture and assembly.

**Features and Advantages**

- Blended cotton knitted cotton seamless glove made with cotton (35%) and polyester (65%).
- Very comfortable, warm and with high dexterity.
- The polyester fibre provides good mechanical resistance (especially to tearing) and greater resistance to chemicals and humidity.
- Cotton gives a pleasant touch and allows better breathability and sweat absorption.
- Can be used as a glove or as a over - glove.
- Closure by means of elastic cuff, which hinders the passage of dirt and water to the inside of the glove.

CE EN 420

Size\_ 9



## 688-PF

**Raw colour knitted cotton glove and elastic cuff.**

**Applications** General Handling Glove for tasks requiring greater sensitivity (auto, cleaning, photography, small parts...).

**Features and Advantages**

- 100% cotton glove with elastic cuff.
- Very comfortable, warm and with a high dexterity.
- Being 100% cotton it is comfortable, breathable and absorbs sweat very well.
- Elastic cuff that keeps the inside of the glove dry and keeps dirt out.
- For use for warmth under colder gloves (PVC, rubber, dielectric gloves).

CE EN 420

Size\_ 9



# ANTI-CUTTING gloves

## 688-CUT PRO

HPPE-fibre glove with PU coating and a high anti-cutting level (D).

**Applications** General handling. Mechanical and anti-cutting protection. Glove specially designed for precision work where maximum anti-cut protection is required. Works with metals, glassware, workshops, sheet, etc.

**Features and Advantages** HPPE (High Performance Polyethylene), support with Goldsilk™ technology:

- Maximum anti-cutting rating (F) according to the new EN ISO 13997 test for the new mechanical risk standard EN388: 16, measured in Newtons.
- Maximum anti-abrasion rating (level 4).
- Maximum Dexterity. Ultra light, soft and flexible, offering a superior tactile quality and reducing user fatigue.
- Exceptional comfort. Heat dissipation offers additional freshness in the hand, while keeping the glove dry.
- Reusable: Washable and long-lasting, without losing its value. Polyurethane (PU) coating, which ensures excellent grip, breathability and resistance to abrasion.



CE EN 420

Sizes\_ 7, 8, 9 and 10



## 688-CUT

HPPE-fibre glove with PU coating and a high anti-cutting level (D).

**Applications** General handling. Mechanical and anti-cutting protection. Glove specially designed for precision work where maximum anti-cut protection is required. Works with metals, glassware, workshops, sheet...

**Features and Advantages**

- Maximum anti-cutting rating (F) according to the new EN ISO 13997 test for the new mechanical risk standard EN388: 16, measured in Newtons.
- Maximum anti-abrasion rating (level 4).
- RPolyurethane (PU) coating, which ensures excellent grip, breathability and resistance to abrasion.

CE EN 420

Sizes\_ 7, 8, 9 and 10





## 688-AA

Blue coloured Level 5 cut resistant for the food processing industry.

**Applications** Tasks related to the food processing industry where the maximum cut resistance protection is required.

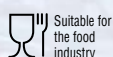
**Features and Advantages**

- Glove manufactured in the CE (Germany) by highly qualified workers.
- Approved for alimentary use.
- Much lighter and with greater dexterity than other similar gloves.
- Long cuff for extra forearm protection.
- Maximum (level 5) cut resistance.
- Blue colour for better identification in food industry.
- Washable at high temperatures.
- Ambidextrous (price per unit).
- Dyneema® fibre (high performance synthetic fibre, very light and with an excellent resistance to cutting and tearing).



CE EN 420

Sizes\_ 7, 8, 9 and 10



## 688-MM

Stainless steel mesh glove.

**Applications** Cut protection and anti-puncture. Special glove with protection against cuts and punctures by hand knives. Works with manual knives in meat markets, meat processing industries, fish or shellfish, opening of oysters, restaurants and de-boning establishments, game and poultry. Tasks using hand knives in the plastics industry, hides, textiles, and paper, floor laying, etc.

**Features and Advantages**

- Glove manufactured in the CE (Germany) by highly qualified workers.
- Mesh made of stainless steel of 0.55mm. thickness.
- Approved for alimentary use.
- Very easy to remove in case of emergency.
- Easy to use and easy to change from one hand to the other.

Size	Colour
6	Brown
7	Green
8	Black
9	Red
10	Blue
11	Orange



CE EN 420

Sizes\_ 6, 7, 8, 9, 10 and 11





## SEAMLESS gloves

### 688-NYL

Black nylon glove with black-coloured latex covering.

**Applications** General Handling Mechanical risks. Special glove for general handling tasks, handling of abrasive and slippery objects...

**Features and Advantages**

- Latex is a natural substance, which provides great comfort thanks to its high flexibility; it also provides excellent grip and resistance to abrasion.
- Excellent anti-slip grip provides an excellent grip in damp and abrasive conditions, with a strong resistance to tearing.
- Highly breathable nylon.
- Dark colour for work that stains.

CE EN 420

Sizes 7, 8, 9 and 10



### 688-NYPU/U

(18 gauge) ultra-thin nylon glove with black polyurethane covering.

**Applications** General handling Mechanical risks. Glove for tasks with mechanical risks, which also require tactility, reliability, comfort and precision, such as assembling small parts, high-tech jobs, electronics, cleaning, packaging, using tools, plumbing, automobiles, storage, etc.

**Features and Advantages**

- Polyurethane provides the glove with excellent resistance to abrasion and breathability.
- Maximum level of dexterity (level 5). The gloves offer the minimal resistance to movement or tactility.
- Its ultra-thin nylon (18 gauge) base and its light coating of polyurethane provide comfort, breathability and unsurpassed tactile sensitivity.

CE EN 420

Sizes 7, 8, 9 and 10



## 688-NYLF

Black colour nylon glove with black latex covering.

**Applications** General Handling. Mechanical risks and cold. Special glove for tasks where it is necessary to combine protection against mechanical risks, and cold (due to climatic conditions or for its industrial activity) with good grip. Exterior building works, outside maintenance, (highways, railways, aeronautics, and general handling in a cold or damp atmosphere which calls for a good grip...).

**Features and Advantages**

- Latex is a natural substance, which provides great comfort thanks to its high flexibility; it also provides excellent grip
- and resistance to abrasion.
- Excellent anti-slip grip provides an excellent grip in damp and abrasive conditions, with a strong resistance to tearing..
- Highly breathable nylon.

CE EN 420

Sizes\_ 7, 8, 9 and 10



## 688-NYN/B

White polyester glove with grey nitrile coating.

**Applications** General handling. Mechanical risks. Special glove for handling, assembly, changes, construction in greasy and humid working environments.

**Features and Advantages**

- Nitrile is a flexible material that provides the glove with a strong resistance to oils, greases and hydrocarbons.
- Maximum level of dexterity (level 5). The gloves offers minimal resistance to movement or tactility.
- Highest anti-abrasion level. Glove has a long working life.

CE EN 420

Sizes\_ 7, 8, 9 y10



## SEAMLESS gloves

### 688-NYN/N

Black polyester glove with black nitrile coating.

**Applications** General handling. Mechanical risks. Special glove for handling tasks, assembly, changes, construction in greasy and damp areas with a high degree of dirt.

**Features and Advantages**

- Nitrile is a flexible material that provides the glove with a strong resistance to oils, greases and hydrocarbons.
- Maximum level of dexterity (level 5). The gloves offers minimal resistance to movement or tactility.
- Dark colour for work that stains.

CE EN 420

Sizes\_ 7, 8, 9 and 10



### 688-NYNC

Black polyester glove with black nitrile coating on the palms, fingers and back.

**Applications** General handling. Mechanical risks. Special glove for handling tasks, assembly, changes, construction in greasy and damp areas with a high degree of dirt. With the fingers, palm and back coating, the glove permits greater exposure and impermeability.

**Features and Advantages**

- Nitrile is a flexible material that provides the glove with high resistance to oils, greases and hydrocarbons.
- Maximum level of dexterity (level 5). The gloves offer minimal resistance to movement or tactility.
- Black for tasks that stain.

CE EN 420

Sizes\_ 7, 8, 9 and 10





## 688-NYPU/N

Seamless polyester glove with polyurethane-coated palm and fingers.

**Applications** General handling. Mechanical risks. Special glove for precision work. High-tech jobs, electronics, cleaning, small parts assembly, packaging, etc.

**Features and Advantages**

- Polyurethane provides the glove with excellent resistance to abrasion and breathability.
- Maximum level of dexterity (level 5). The gloves offer minimal resistance to movement or tactility.
- Highest anti-abrasion level. Glove has a long working life

CE EN 420

Sizes\_ 7, 8, 9 and 10



## 688-NYPU/G/N

Grey polyester glove with grey polyurethane coating.

**Applications** General handling. Mechanical risks. Special glove for precision tasks, where maximum tactility and dexterity are required (assembly work, installation, packaging, classification...); coloured grey for tasks that stain, extending the useful working life of the glove.

**Features and Advantages**

- Polyurethane provides the glove with excellent resistance to abrasion and breathability.
- Maximum level of dexterity (level 5). The gloves offer minimal resistance to movement or tactility.
- Highest anti-abrasion level. Glove has a long working life.

CE EN 420

Sizes\_ 7, 8, 9 and 10



### 688-LT TOP breathable back

First-class latex glove with knitted cotton support, elastic cuff and inner lining.

**Applications** General handling. Mechanical risks. Glove, which is especially recommended for construction work, handling residues, metal working, wood, industrial tasks, glass, DIY and public works, and tasks which generally do not involve sharp objects.

**Features and Advantages**

- Great adhesion: Latex coating. First-class crepe finish, which provides highly effective non-slip functionality, especially recommended for handling wet and abrasive objects.
- Highly breathable nylon fabric.
- Perfect Fit. Excellent balance between mechanical resistance and dexterity.

CE EN 420

Size\_ 9



EN 388:16  
2121K





## 688-LC TOP covered back

First-class latex glove with knitted cotton support, elastic cuff and inner lining.

**Applications** General handling. Mechanical risks. Glove, which is especially recommended for construction work, handling residues, metal working, wood, industrial tasks, glass, DIY, public works and for tasks that generally do not involve sharp objects.

**Features and Advantages**

- Great adhesion: Latex coating. First-class crepe finish, which provides highly effective non-slip functionality, especially recommended for handling wet and abrasive objects.
- Highly breathable nylon fabric.
- Perfect Fit. Excellent balance between mechanical resistance and dexterity.

CE EN 420

Size\_ 9

 **EN 388:16**  
2121X



## 688-EGRIP

An economical latex glove with knitted cotton/polyester support and an elastic cuff.

**Applications** General handling. Mechanical risks. Glove, which is especially recommended for construction work, rubbish collecting, DIY and gardening, etc.

**Features and Advantages**

- Latex is a natural substance, which provides a great degree of comfort as a result of its high flexibility, while simultaneously providing excellent grip and resistance to abrasion
- Highly breathable polyester/cotton.

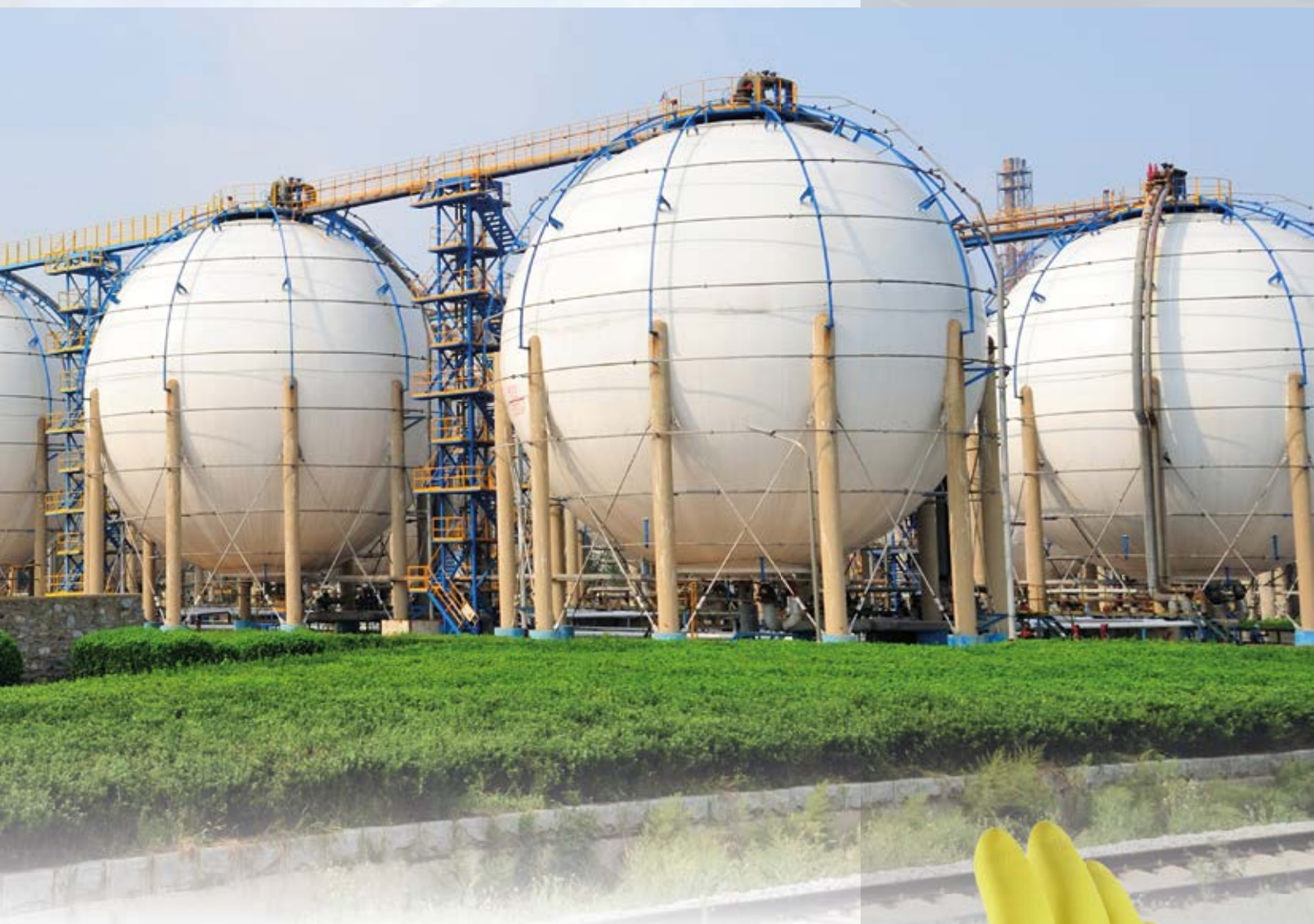
CE EN 420

Sizes\_ 7, 8, 9 and 10

 **EN 388:16**  
2142X



## LATEX gloves without support



### 688-LDY

Yellow-latex domestic glove for superficial mechanical hazards.

**Applications** General handling. Mechanical risks. Flocked cotton interior; recommended for household tasks, cleaning, etc.

**Features and Advantages**

- Latex is a natural substance that provides a great degree of comfort as a result of its high flexibility, while simultaneously providing excellent grip and resistance to abrasion.
- Rough Grip (points) in palm and fingers for better grasp of objects.
- Thickness: 0.38 mm. Length: 30 cm.

CE EN 420

Sizes\_ 7, 8 and 9





## 688-LDA/N

Blue latex domestic glove for chemical hazards and micro-organisms.

**Applications** Mechanical and chemical protection. Satin-finish interior gloves, recommended for the food industry, handling and manufacturing of food, contact with meat, fish, fruit and milk, household chores (washing...), cleaning, lab work and general maintenance.

**Features and Advantages**

- Latex is a natural substance that provides a great degree of comfort as a result of its high flexibility, while simultaneously providing excellent grip and resistance to abrasion.
- Blue; particularly suitable for food industry.
- Excellent diamond-style, anti-slip grip, which provides an excellent grip in damp and abrasive conditions, as well as a strong resistance to tearing.
- Thickness: 0.45 mm. Length: 30 cm.

CE EN 420

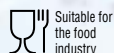
Sizes\_ 7, 8 and 9



Tipo C



2100X



Suitable for the food industry



## 688-LDN/N

Orange-latex industrial gloves for mechanical, chemical and microbiological hazards.

**Applications** Mechanical and chemical protection. Flocked cotton interior; this glove is recommended for handling fruit and vegetables, industrial cleaning tasks and the chemical industry.

**Features and Advantages**

- Latex is a natural substance that provides a great degree of comfort as a result of its high flexibility, while simultaneously providing excellent grip and resistance to abrasion.
- Rough Grip (points) in palm and fingers for better grasp of objects.
- Thickness: 1 mm. Length: 30 cm.

CE EN 420

Sizes\_ 7, 8, 9 and 10



Tipo B (ABN)



2111X



Suitable for the food industry



# DIELECTRIC gloves

## 688-DI



Unsupported natural latex gloves, ideal for electrical tasks.

**Applications** Electrical hazards. Special gloves for work with electrical hazards (energy, maintenance, telecommunications, etc).

**Features and Advantages**

- Its ergonomic form and its lightly powdered interior makes the glove easy to put on and to remove.
- Its natural latex base provides high dielectric properties.
- Its thickness ensures good touch, offering protection up to 36.000V (Class 4).
- Resistant to acids, oil, ozone and to very low temperatures.
- Certified under ISO9001:2000 and subject to rigorous testing:
  - Visual and dimensional specifications checks.
  - Dielectric tests in test cabins.
  - Additional Tests (mechanical and dielectric).

CE EN 420



EN 60903

Ref.	Class	Operating Voltage (OV)	Sizes
688-DI00	00	500V	8, 9 and 10
688-DI0	0	1.000V	9 - 10
688-DI1	1	7.500V	9
688-DI2	2	17.000V	9
688-DI3	3	26.500V	9
688-DI4	4	36.000V	10



## 688-PF

UNDERGLOVE

To be worn beneath dielectric gloves for warmth and comfort (see page 15).

## 788-MX

OVERGLOVE

To be worn over the dielectric glove for greater resistance to mechanical hazards, prolonging the life of the glove and reducing dielectric risk (reducing the glove's risk of cuts or punctures) (see page 47).











## 688-PVC 27B

27cm-long watertight PVC glove; blue with a rough double layer.

**Applications** General Handling and mechanical hazards. Watertight PVC glove for use in oily or wet situations. Flocked cotton interior, recommended for chemical and petrochemical industries, petrol stations, tanks, de-greasing, solvents, paints and varnishes and detergents, oil, construction, cleaning... (not certified for chemical hazards).

**Features and Advantages**

- The PVC provides impermeability, good resistance to chemical products, greases and hydrocarbons.
- Very light, flexible, with high dexterity and resistance to abrasion.
- Finished with a double rough layer which provides excellent grip in both wet and dry conditions.
- Length: 27 cm.

CE EN 420

Size\_9

EN 388:16  
3121X



## 688-PVC 27Q

Watertight PVC glove (27cm), red for mechanical and chemical hazards.

**Applications** Mechanical and Chemical Protection. Watertight PVC multi-purpose glove, offering protection against chemicals in greasy, chemical or watery environments. Flocked cotton interior, recommended for chemical and petrochemical industries, petrol stations, tanks, de-greasing, solvents, paints and varnishes and detergents, oil, construction, cleaning, etc.

**Features and Advantages**

- The PVC provides impermeability, good resistance to chemical products, grease and hydrocarbons.
- Good flexibility, high dexterity and resistance to abrasion.
- Grainy finish which provides excellent grip in both wet and dry conditions.
- Length: 27 cm.

CE EN 420

Size\_ 9



EN 374-1:16  
Tipo C



EN 388:16  
2121X



## 688-PVC 35Q

Watertight PVC glove (35cm), red for mechanical and chemical hazards.

**Applications** Mechanical and Chemical Protection. Watertight PVC multi-purpose glove offering protection against chemicals in greasy, chemical or watery environments. Flocked cotton interior, recommended for chemical and petrochemical industries, petrol stations, tanks, de-greasing, solvents, paints and varnishes and detergents, oil, construction, cleaning...

**Features and Advantages**

- PVC provides impermeability, good resistance to chemical products, greases and hydrocarbons.
- Good flexibility, high dexterity and resistance to abrasion.
- 35cm. long to provide extra physical and chemical protection for the forearm.
- Grainy finish which provides excellent grip in both wet and dry conditions.
- Length: 35 cm

CE EN 420

Size\_ 9



EN 374-1:16  
Tipo C

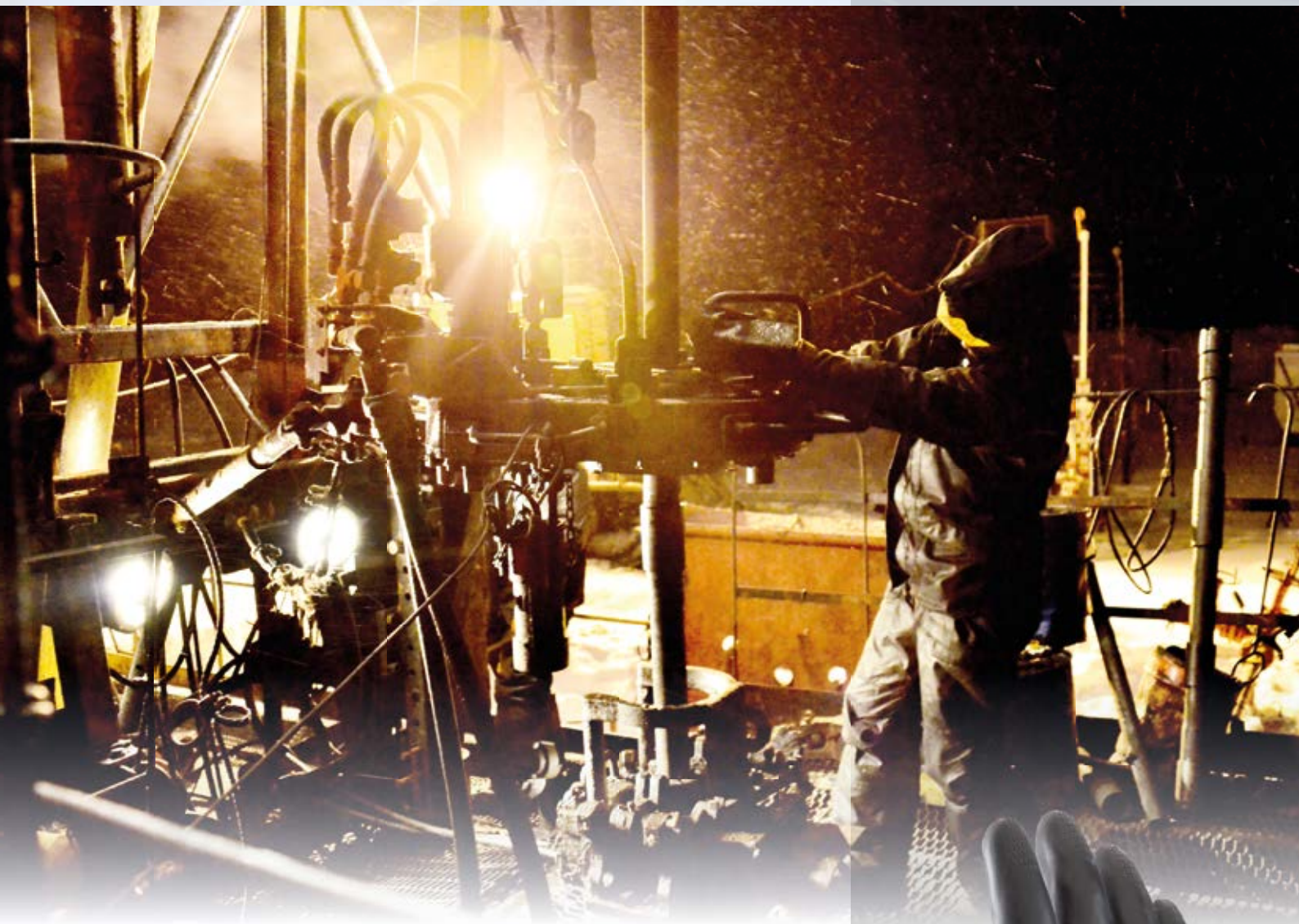


EN 388:16  
2121X





## NEOPRENE gloves



### 688-NEO/N

Black neoprene glove for mechanical and chemical hazards.

**Applications** Mechanical and Chemical Protection. The glove provides great dexterity. Flocked cotton interior, recommended for chemical and petrochemical industries, petrol stations, tanks, de-greasing, solvents, paints and varnishes and detergents, oil, construction, cleaning, etc.

**Features and Advantages**

- High Chemical Protection.
- Neoprene provides chemical and mechanical resistance. Is resistant to acids, solvents, industrial adhesives.
- Grip in the palm and fingers for better holding.
- Thickness: 0.75 mm. Length: 30 cm.

CE EN 420

Sizes\_ 8, 9 and 10



## 688-NEOL/N

Long black neoprene glove for mechanical and chemical hazards.

**Applications** Mechanical and Chemical Protection. The glove provides great dexterity. Flocked cotton interior, recommended for chemical and petrochemical industries, petrol stations, tanks, de-greasing, solvents, paints and varnishes and detergents, oil, construction, cleaning, etc.

**Features and Advantages**

- High Chemical Protection.
- Neoprene provides chemical and mechanical resistance. Is resistant to acids, solvents, industrial adhesives.
- Grip in the palm and fingers for better holding.
- Extra length to protect the forearm.
- Thickness: 0.78 mm. Length: 38 cm.

CE EN 420

Size\_ 9



EN 374-1:16  
Tipo C



EN 388:16  
3121X



## 688-LB/N

Two-tone latex glove with neoprene reinforcement for chemical and mechanical hazards.

**Applications** Mechanical and Chemical Protection. The glove provides great dexterity. Flocked cotton interior, recommended for chemical and petrochemical industries, petrol stations, tanks, de-greasing, solvents, paints and varnishes and detergents, oil, construction, cleaning, etc.

**Features and Advantages**

- The combination of Neoprene and Latex permits its use in a wide range of chemicals due to their double layers.
- Latex is a natural substance that gives a high level of comfort due to its high flexibility, while providing excellent grip and abrasion resistance and the Neoprene provides chemical and mechanical resistance, since it is resistant to acids, solvents and bases.
- Rough Grip (points) in palm and fingers for better grip of objects.
- Thickness: 0.70 mm. Length: 30 cm.

CE EN 420

Sizes\_ 7, 8, 9 and 10



EN 374-1:16  
Tipo C



EN 388:16  
1110X



Suitable for  
the food  
industry





# Unsupported NITRILE gloves

## 688-ND/N

Green nitrile industrial glove for mechanical and mechanical hazards.

**Applications** Mechanical and Chemical Protection. Flocked cotton interior, recommended for its high resistance, making it suitable for chemicals, degreasing, solvents, oils, paints, and varnishes. Also suitable for handling food.

**Features and Advantages**

- Nitrile is a flexible substance that offers resistance to fats, oils and hydrocarbons.
- Diamond type grip in the palm for better holding.
- Highest anti-abrasion level. Long working life of the glove.
- Thickness: 0.38 mm. Length: 33 cm.

CE EN 420

Sizes\_ 7, 8, 9 and 10



## 688-NDL/N

Green nitrile industrial glove for mechanical and mechanical hazards.

**Applications** Protection Mechanical and Chemical. Flocked cotton interior, recommended for its high resistance, making it suitable for chemicals, degreasing, solvents, oils, paints, and varnishes. Also suitable for handling food.

**Features and Advantages**

- Nitrile is a flexible substance, that offers resistance to fats, oils and hydrocarbons.
- Diamond type grip in the palm for better holding.
- Highest anti-abrasion level. Long working life of the glove.
- Thickness: 0.42 mm. Length: 38 cm.

CE EN 420

Size\_ 9





# Unsupported NITRILE gloves



## 688-NT/N breathable back

Flexible Nitrile Glove with cotton support, rigid sleeve and inner lining.

**Applications** General Handling. Mechanical risks. Glove is especially recommended for handling tasks in a greasy, damp or dirty environment, such as construction work, handling, waste, industrial tasks, do-it-yourself, public works... Highest anti-abrasion level. The glove has a long working life.

**Features and Advantages**

- Nitrile is a flexible substance, that offers resistance against greases, oils and hydrocarbons.
- Thicker Nitrile Coating, and more rigid sleeve, providing greater chemical and mechanical resistance.
- High breathability nylon fabric.
- Perfect Fit. Excellent relation between mechanical resistance and dexterity.

CE EN 420

Size\_ 9

EN 388:16  
311X



## 688-NC covered back

Flexible Nitrile Glove with cotton support, rigid sleeve and inner lining.

**Applications** General Handling. Mechanical risks. The glove especially recommended for handling tasks in a greasy, damp or dirty environment such as construction work, handling, waste, industrial tasks, do-it-yourself, public works... Highest anti-abrasion level. The glove has a long working life.

**Features and Advantages**

- Nitrile is a flexible substance, that offers resistance against greases, oils and hydrocarbons.
- Thicker Nitrile Coating, and more rigid sleeve, providing greater chemical and mechanical resistance.
- High breathability nylon fabric.
- Perfect Fit. Excellent relation between mechanical resistance and dexterity.

CE EN 420

Size\_ 9

EN 388:16  
311X



## NITRILE gloves with support

### 688-NTF/N breathable back

Flexible Nitrile Glove with knitted cotton support and elastic cuff.

**Applications** Mechanical risks. Glove especially recommended for construction work, handling residues, metal working, wood, industrial tasks, glass, do-it-yourself, public works, etc, and in general for tasks with no very sharp objects. Highest anti-abrasion level. The Glove has a long working life.

**Features and Advantages**

- Nitrile is a flexible substance, that offers resistance to fats, oils and hydrocarbons.
- High breathability of the nylon fabric.
- Perfect Fit. Excellent balance of mechanical resistance and dexterity.

CE EN 420

Sizes\_ 7, 8, 9 and 10



### 688-NCF/N covered back

Flexible Nitrile Glove with knitted cotton support and elastic cuff.

**Applications** General Handling. Mechanical risks. The Glove especially recommended for construction work, handling residues, metal working, wood, industrial tasks, glass, do-it-yourself, public works... and in general for tasks with no very sharp objects. Highest anti-abrasion level. The Glove has a long working life.

**Features and Advantages**

- Nitrile is a flexible substance, that offers resistance to fats, oils and hydrocarbons.
- High breathability of the nylon fabric.
- Perfect Fit. Excellent balance of mechanical resistance and dexterity.

CE EN 420

Sizes\_ 7, 8, 9 and 10





## 688-NTE breathable back

Flexible Nitrile Glove with cotton support, rigid sleeve and inner lining.

**Applications** General Handling. Mechanical risks. The Glove is especially recommended for handling tasks in a greasy, damp or dirty environment, such as construction work, handling, waste, industrial tasks, do-it-yourself, public works... Highest antiabrasion level. The Glove has a long working life.

**Features and Advantages**

- Nitrile is a flexible substance, that offers resistance against greases, oils and hydrocarbons.
- Thicker Nitrile Coating, and more rigid sleeve, providing greater chemical and mechanical resistance.
- High breathability nylon fabric.
- Perfect Fit. Excellent relation between mechanical resistance and dexterity.

CE EN 420

Sizes\_ 8, 9 and 10

**EN 388:16**  
311X



## 688-NCE/N covered back

First-class latex glove with knitted cotton support, elastic cuff and inner lining.

**Applications** General Handling. Mechanical risks. Glove especially recommended for handling tasks in a greasy, damp or dirty environment, such as construction work, handling, waste, industrial tasks, do-it-yourself, public works, etc. Highest anti-abrasion level. Glove has a long working life.

**Features and Advantages**

- Nitrile is a flexible substance, that offers resistance against greases, oils and hydrocarbons.
- Thicker Nitrile Coating, and more rigid sleeve, providing greater chemical and mechanical resistance.
- High breathability nylon fabric.
- Perfect Fit. Excellent relation between mechanical resistance and dexterity.

CE EN 420

Size\_ 7, 8, 9 and 10

**EN 388:16**  
311X





## AMERICAN leather and canvas gloves



### 788-O

Mixed intermediate thickness leather glove.

**Applications** General Handling and mechanical hazards. Heavy handling tasks with mechanical hazards such as iron and steel industry, rolling, ship building, loading and unloading goods, handling heavy hand tools, gardening, agriculture, construction...

**Features and Advantages**

- American type glove with split leather intermediate, with cuff and cotton lining.
- 100%.
- The split leather has a better behaviour in damp environments and is suited to heavier work. It offers greater resistance to abrasion.
- Breathable with good sweat absorption, when combining leather and cotton.

CE EN 420

Size\_ 9

 EN 388:16  
4214X



## 788-P

A Glove made of premium saddle grain leather and canvas.  
Rigid sleeve.

**Applications** General Handling. Mechanical risks. Heavy handling tasks such as iron and steel industry, rolling, ship building, loading and discharging goods, handling heavy hand tools, gardening, agriculture, construction, etc.

**Features and Advantages**

- American type glove with premium Split leather and canvas with rigid sleeve.
- The split leather provides the glove with excellent resistance to abrasion and to cuts, and
- at the same time, provides greater durability and dexterity.
- Free of chromium, PCP, benzidine and other chemicals, thus protecting the health of the user and the environment.
- Manufactured under ISO:9001-2008 quality management system.
- Breathable with good sweat absorption, when combining leather and cotton.

CE EN 420

Size\_ 9

**EN 388:16**  
2142B



## 788-T

American type glove made split leather and canvas.  
Economical.

**Applications** General Handling and mechanical hazards. Heavy handling tasks with mechanical hazards such as iron and steel industry, rolling, ship building, loading and discharging goods, handling heavy hand tools, gardening, agriculture, construction, etc.

**Features and Advantages**

- American type glove with split leather with cuff and lining 100% cotton.
- The split leather has a better behaviour in damp environments and is suited to heavier work. It offers greater resistance to abrasion.
- Breathable with good sweat absorption, when combining leather and cotton.

CE EN 420

Size\_ 9

**EN 388:16**  
2221K





## AMERICAN leather and canvas gloves

### 788-NEB

American type glove with premium split leather and rigid cuff rigid cuff.

**Applications** General Handling. Mechanical risks. Heavy handling tasks with mechanical hazards such as loading and unloading goods, cleaning, handling heavy hand tools, gardening, agriculture, ship work, construction...

**Features and Advantages**

- American type glove with premium split leather rigid sleeve and cotton/polyester lining.
- The split leather provides the glove with excellent resistance to cuts and heat, and the
- high quality of the leather provides greater dexterity.
- Breathable with good sweat absorption, when combining leather and cotton.
- Great value.

CE EN 420

Size\_9



EN 388:16

3143X



### 788-NEA

American mixed type glove with premium split leather and rigid cuff.

**Applications** General Handling. Mechanical protection. Heavy handling tasks with mechanical hazards such as loading and discharging goods, cleaning, handling heavy hand tools, gardening, agriculture, ship work, construction...

**Features and Advantages**

- American type glove with premium split leather rigid sleeve and cotton/polyester lining.
- The split leather provides the glove with excellent resistance to cuts and heat, and the
- high quality of the leather provides greater dexterity.
- Breathable with good sweat absorption, when combining leather and cotton.
- Great value.

CE EN 420

Size\_9



EN 388:16

3143X





# REINFORCED AMERICAN gloves



## 788-RW

American type mixed glove with premium split leather and canvas reinforced at the palm index finger and thumb. Rigid sleeve and reinforced seams.

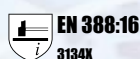
**Applications** General Handling. Heavy handling tasks with mechanical hazards such as iron and steel industry, rolling, ship building, loading and discharging goods, handling heavy hand tools, gardening, agriculture, construction, etc.

**Features and Advantages**

- American type glove with premium split with 100% cotton lining.
- The split leather behaves better in damp environments and is suited to heavier work. It
- offers greater resistance to abrasion.
- Reinforced with split leather and seams at the tips where there is the greatest wear on the glove, which lengthens the working life of the glove.
- Breathable with good sweat absorption, when combining leather and cotton.

CE EN 420

Size\_ 9



## 788-RE

American type mixed glove with premium split leather and canvas reinforced at the palm index finger and thumb.

**Applications** General Handling and mechanical hazards. Heavy handling tasks with mechanical hazards such as iron and steel industry, rolling, ship building, loading and discharging goods, handling heavy hand tools, gardening, agriculture, construction...

**Features and Advantages**

- American type glove with split leather with cuff and lining 100% cotton.
- The split leather has a better behaviour in damp environments and is suited to heavier
- work. It offers greater resistance to abrasion.
- Reinforced with split leather at the fingers where there is the greatest wear on the glove,
- thus increasing the useful life of the glove.
- Breathable with good sweat absorption, when combining leather and cotton.

CE EN 420

Size\_ 9



## DRIVER gloves

### 788-L

Yellow split leather leather driver type glove with edging trim.

**Applications** General Handling. Mechanical risks. Handling tasks with mechanical hazards such as assembly line work, automotive, domestic appliances, shipbuilding, furniture, utilities, railways, agriculture, construction...

**Features and Advantages**

- Driver type glove made of split leather of extremely high quality.
- The split leather provides the glove with excellent resistance to abrasion, and to cuts, and at the same time, provides greater durability and dexterity.
- Free of chromium, PCP, benzidine and other chemicals, prohibited by law in Germany, thus protecting the health of the user and the environment.
- Manufactured under ISO:9001-2008 quality management system.
- Consistent quality of the leather.

CE EN 420

Sizes\_ 8, 9 and 10



### 788-LGS

Driver -type glove with grain leather (palm) and split leather (back). Natural colour with edging trim.

**Applications** General Handling. Mechanical risks. Handling tasks with mechanical hazards in a dry environment which call for greater comfort and touch, such as driving (trucks, crane operators...) loading and unloading, logistics tasks, motor industry, public services, equipment manufacturers, construction...

**Features and Advantages**

- Driver type glove made of split leather of excellent quality.
- The grain leather provides the glove with excellent resistance to abrasion, and cuts, and at the same time, provides greater durability and dexterity and the split leather on the back has greater resistance to cuts and piercing.
- Manufactured under quality management system ISO:9001-2008.
- Consistent quality of the leather.

CE EN 420

Sizes\_ 8, 9 and 10



## 788-LG

**Natural-coloured split leather driver type glove with edging trim.**

**Applications** General Handling. Mechanical risks. Handling tasks with mechanical hazards in a dry environment which call for greater comfort and touch, such as driving (trucks, crane operators...) loading and unloading, logistics tasks, motor industry, public services, equipment manufacturers, construction...

**Features and Advantages**

- Driver type glove made of split leather of extremely high quality.
- The split leather provides the glove with excellent resistance to abrasion, and to cuts, and at the same time, provides greater durability and dexterity.
- Free of chromium, PCP, benzidine and other chemicals, thus protecting the health of the user and the environment.
- Manufactured under quality management system ISO:9001-2008.
- Consistent quality of the leather.

CE EN 420

Sizes\_ 7, 8, 9 and 10

**EN 388:16**  
2132X



## 788-LI

**Split leather leather glove with knitted cotton palm and fingers.**

**Applications** General Handling. Mechanical risks. Handling tasks with mechanical hazards which call for greater comfort and touch dexterity, such as driving (trucks, crane operators...) assembly work, small pieces, motor industry...

**Features and Advantages**

- Driver type glove made of split leather of excellent quality combined with interlock type cotton.
- The split leather provides the glove with excellent resistance to abrasion and cuts, and at the same time provides greater durability and dexterity.
- The cotton provides greater breathability and comfort.
- Free of chromium, PCP, benzidine and other chemicals, prohibited by law in Germany, thus protecting the health of the user and the environment.
- Manufactured under quality management system ISO:9001-2008.
- Consistent quality of the leather.

CE EN 420

Sizes\_ 6, 7, 8, 9 and 10

**EN 388:16**  
2121X





## INSULATED gloves

### 788-LF

Split leather driving-type glove with inner lining for warmth.

**Applications** General Handling. Mechanical risks. Protection against the cold. Tasks such as handling outdoors with mechanical hazards in a dry environment where flexibility, comfort and tact are needed such as driving (tractors, trucks, crane operators...), loading and unloading, logistics tasks, motor industry, public services, building, assembling structures out doors...

**Features and Advantages**

- Driver type glove made of split leather of extremely high quality.
- Warm lining made of polyester / cotton.
- The split leather provides the glove with excellent resistance to abrasion, and to cuts, and at the same time, provides greater durability and dexterity.
- Free of chromium, PCP, benzidine and other chemicals, thus protecting the health of the user and the environment.
- Manufactured under quality management system ISO:9001-2008.
- Consistent quality of the leather.

CE EN 420

Size\_9



### 688-NYLF

Black nylon glove with covering of black coloured latex.

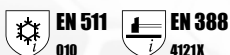
**Applications** General Handling. Mechanical risks and cold. Special glove for tasks where it is necessary to combine protection against mechanical risks, protection against cold (due to climatic conditions or for its industrial activity) with good grip. Exterior building works, outside maintenance, (highways, railways, aeronautics, and general handling in a cold or damp atmosphere which call for good grip...).

**Features and Advantages**

- Latex is a natural substance that provides a high degree of comfort as a result of its high flexibility, at the same time providing excellent grip and resistance to abrasion.
- Excellent anti slip grip providing an excellent grip in damp and abrasive conditions with good resistance to tearing.
- High breathability nylon fabric.

CE EN 420

Sizes\_7, 8, 9 and 10









## DISPOSABLE gloves

### 688-VAUT

Blue vinyl glove.

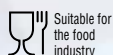
**Applications** Tasks that require a great deal of tact, such as pharmacies, laboratories, handling of parts, workshops, electronics... and handling in general where there is a slight risk but there is a need for protection against spills and to protect the product being handled.

**Features and Advantages**

- Blue vinyl glove powder free, very thin with good tactile sensibility.
- Vinyl is a substance that provides excellent resistance to abrasion, as well as against fats, oils and hydrocarbons.
- Made with a vinyl of a very high quality (does not smell of petrol).
- Protein free, so it does not cause allergies.
- Manufactured under the quality management system ISO 13485.
- Blue colour which is a colour that does not appear in the natural foods industry and allows the glove to be easily detected if lost.

CE EN 420

Sizes\_ S, M, L



Suitable for  
the food  
industry



### 688-VTUT

Powdered clear vinyl gloves.

**Applications** Tasks that require a great deal of tact, such as pharmacies, laboratories, handling of parts, workshops, electronics... and handling in general where there is a slight risk but there is a need for protection against spills and to protect the product being handled.

**Features and Advantages**

- Powdered clear vinyl glove, very thin with great tactile sensitivity.
- Vinyl is a substance that provides excellent resistance to abrasion, as well as against fats, oils and hydrocarbons.
- Manufactured with a vinyl of a very high quality (does not smell of petrol).
- Protein free, so it does not cause allergies.
- The powder makes putting on and removing the gloves easier and also reduces sweating.
- Manufactured under ISO 13485 quality management system.

CE EN 420

Sizes\_ S, M, L





## 688-LUT

Powdered latex glove.

**Applications** General Handling. Applications Tasks that require a great deal of tact, such as pharmacies, laboratories, handling of parts, workshops, electronics... and handling in general where there is a slight risk but there is a need for protection against spills and to protect the product being handled.

**Features and Advantages**

- Powdered latex glove, very thin with excellent tactile sensibility.
- Latex is a very flexible natural substance, that offers a great comfort, an excellent grip and has a good resistance to abrasion.
- Manufactured under the quality management system ISO 13485.

CE EN 420

Sizes\_ S, M, L



## 688-NUT

Blue nitrile glove.

**Applications** General Handling. Applications Tasks that require a great deal of tact, such as pharmacies, laboratories, handling of parts, workshops, electronics... and handling in general where there is a slight risk but there is a need for protection against spills and to protect the product being handled.

**Features and Advantages**

- Powder free blue nitrile glove, very thin with great tactile sensitivity.
- Nitrile is a flexible material that offers resistance to fats, oils and hydrocarbons.
- Manufactured with a very soft nitrile which reduces hand fatigue of the user, but retains its high mechanical and chemical properties.
- Protein free, so it does not cause allergies.
- Manufactured under ISO 13485 quality management system.

CE EN 420

Sizes\_ S, M, L



Suitable for  
the food  
industry



## WELDING gloves

### 788-M (30 cm)

Premium split leather with Kevlar seams and special lining.

**Applications** Welding hazards, Mechanical Risks and Thermal Risk. Welding and heavy handling and Type A related processes. Also provides protection against mechanical and thermal (up to 100°C) hazards.

**Features and Advantages**

- Glove manufactured using split leather of excellent quality with fireproof lining and seams (Kevlar thread).
- The split leather provides the glove a good resistance to cuts and heat.
- First quality split leather offers excellent properties against abrasion and tearing.
- The inner lining provides warmth and thermal insulation.
- Free of chromium, PCP, benzidine and other chemicals, thus protecting the health of the user and the environment.
- Manufactured under quality management system ISO:9001-2008.
- Consistent quality of the leather.

CE EN 420

Sizes\_ 9

EN 12477  
Tipo A



EN 407  
413X4X



EN 388:16  
4123X



### 788-MA (40 cm)

Premium split leather with Kevlar seams and special lining.

**Applications** Welding hazards, Mechanical Risks and Thermal Risk. Welding and heavy handling and Type A related processes. Also provides protection against mechanical and thermal (up to 100°C) hazards.

**Features and Advantages**

- Glove manufactured using split leather of excellent quality with fireproof lining and seams (Kevlar thread).
- The split leather provides the glove a good resistance to cuts and heat.
- First quality split leather offers excellent properties against abrasion and tearing.
- The inner lining provides warmth and thermal insulation.
- Free of chromium, PCP, benzidine and other chemicals, thus protecting the health of the user and the environment.
- Manufactured under quality management system ISO:9001-2008.
- Consistent quality of the leather.

CE EN 420

Size\_ 9

EN 12477



EN 407  
413X4X



EN 388:16  
4123X



## 788-MR

Premium split leather with Kevlar seams and special lining.  
Reinforced thumb.

**Applications** Welding hazards, Mechanical Risks and Thermal Risk. Welding and heavy handling and Type A related processes. Also provides protection against mechanical and thermal (up to 100°C) hazards.

**Features and Advantages**

- Glove manufactured using split leather of excellent quality with fireproof lining and seams (Kevlar thread).
- The split leather provides the glove with good resistance to cuts and heat.
- First quality split leather offers excellent properties against abrasion and tearing. Highest level of protection against abrasion and tearing (Level 4).
- The inner lining provides warmth and thermal insulation.
- The reinforced thumb provides greater resistance and longer life.

CE EN 420

Size\_ 9

EN 12477  
Tipo A



EN 407  
413K4X



EN 388:16  
4242B



## 788-MX

Grain leather palm and split leather sleeve with Kevlar seams.

**Applications** Welding Risks. Mechanical and thermal hazards. Welding and fine handling and Type- B-related processes. Also provides protection against mechanical and thermal (up to 100°C) hazards.

**Features and Advantages**

- Welders glove manufactured using grain leather, (hand) split leather (sleeve) with fireproof seams (Kevlar thread).
- The split leather provides the glove with excellent resistance to abrasion, and to cuts, and at the same time, provides greater durability and dexterity. Highest level of dexterity (5), for precise welding tasks (TIG). The split leather sleeve provides excellent resistance to cuts and to heat in the case of small burning splashes.
- The inner lining provides warmth and thermal insulation.
- Other Uses: Oil Rigs, workshops, citrus harvest.
- Consistent quality of the leather.

CE EN 420

Size\_ 9

EN 12477  
Tipo B



EN 407  
41224X



EN 388:16  
2122X





# WORKWEAR







A range of workwear that has been specially designed to bring comfort, ease and security together. New designs and materials are suitable for every collection.

02

## CATEGORY

# 1

This workwear is proven to be effective against minimal risk, thanks to its simple design; though its effects are gradual, they can be seen over time and without risk to the wearer, against, for example, the repercussions of mechanical surface effects or non-extreme and non-exceptional agents in the atmosphere.

- The clothing has to pass **EN 13688**, a standardised regulations that outlines the requirements with which Workwear must comply, as well as the dimensional changes during washing, size specifications, labelling, physiologic properties, colours, etc. In addition to EN 13688, the

garments must meet the standardised regulation that covers the risks for which its use is recommended, including:



**EN14058:** Protective clothing for cold temperatures (between -5°C and 10°C).



**EN343:** Protective clothing against rain.

- Category 1 garments must bear the following markings:

- identification of the manufacturer or agent.
- model or reference.
- size.
- CE label.
- maintenance instructions.
- composition.

## CATEGORY

# 2

This workwear is designed to safeguard against moderate risks of any nature, which could result in very severe injuries or death.

- In addition to **EN 13688**, the garments must meet the standardised regulation that covers the risks for which its use is recommended, including:



**EN342:** Protective clothing against cold, protectsing against ambient temperatures of -5°C to 50°C.



**EN11611:** Protective clothing for use during welding or related activities.



**EN11612:** Protective clothing for workers exposed to heat (temperatures below 100°C).



**EN20471:** High-visibility protective clothing.



**EN1149-5:** Anti-static protective clothing.



**EN14116:** Protective clothing, for use against heat and flames (limited spreading of flames).

- The label to be included on these garments is the same as that of Category 1, but with the addition of the relevant symbol for its risk and resistance levels.



Clothing designed to protect the wearer from mortal danger, or risks that can result in serious or irreversible damage to their health, the effects of which might not be immediately clear at the time. In addition to EN 13688, , the garments must meet the standardised regulation that covers the risks for which its use is recommended, including:

**EN13034** Protective clothing with limited effects on liquid chemical products (Type 6).

**EN13982-1** Chemical protective clothing, used against solid suspended particles (Type 5).

**EN14605** Protective clothing, which is impermeable to splashes (Type 4)

**EN14605** Protective clothing, used against liquid chemicals (Type 3).

**EN1073-2** Non-ventilated protective clothing, used against radioactive-particle contamination

**EN14126** Protective clothing, used against biological agents.

**EN61482** Protective clothing, used against electric arc.

CATEGORY

3

The label to be included on these garments is the same as that of Category 2, but with the addition of the identification number of the recognised controlling body in charge of the production phase's quality control to the existing CE marking.

They must be certified by a recognised body, and the manufacturer must adopt one of the CE quality assurance systems for regulating product marketing, according to the R.D. 1407/1992.t

## Sizes and measurements



### TROUSERS

SIZE	S	M	L	XL	XXL
Waist (cm)	72-76	76-84	84-92	92-100	100-108
Length (cm)	152-158	158-170	170-182	182-194	194-200



## Sizes and measurements



### COVERALLS- WINDBREAKERS- JACKETS

SIZE	48(S)	50(M)	52(M)	54(L)	56(L)	58(XL)	60(XL)	62(XXL)	64(XXL)	66	68	70
Chest (cm)	92-96	96-100	100-104	104-108	108-112	112-116	116-120	120-124	124-128	128-132	132-136	136-140
Length (cm)	152-158	158-164	164-170	170-176	176-182	182-188	188-194	194-200	194-200	194-200	194-200	194-200

### TROUSERS

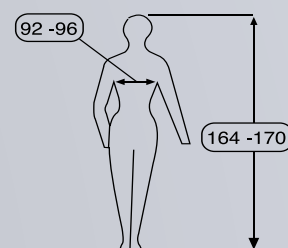
SIZE	38(S)	40(M)	42(M)	44(L)	46(L)	48(XL)	50(XL)	52(XXL)	54(XXL)	56(XXXL)	58(XXXL)
Waist (cm)	72-76	76-80	80-84	84-88	88-92	92-96	96-100	100-104	104-108	108-112	112-116
Length (cm)	152-158	158-164	164-170	170-176	176-182	182-188	188-194	194-200	194-200	194-200	194-200

### SHIRTS

SIZE	37/38(S)	39/40(M)	41/42(L)	43/44(XL)	45/46(XL)	47/48(XXL)	49/50	51/52
Chest (cm)	96-100	100-104	104-108	108-112	112-116	116-120	120-124	124-128
Length (cm)	158-164	164-170	170-176	176-182	182-188	188-194	194-200	194-200

### WATERPROOF CLOTHES - VESTS - PARKAS - POLOS T-SHIRTS - JERSEYS - SWEATERS

SIZE	S	M	L	XL	XXL	XXXL
Chest (cm)	84-92	92-100	100-108	108-116	116-124	124-128
Length (cm)	164-170	170-176	176-182	182-188	188-194	194-200



User measurements for which each size is recommended

## WORKWEAR



A design that goes beyond styling to meet a basic need: the comfort of the worker as they carry out their duties. This is the inspiration behind the PRO range: ergonomics, breathability and quality fabrics and threads promises the reliability required in this carefully designed collection.



A wardrobe designed for professionals who balance free time and work. Functional and comfortable clothing far from the uniforms, which combine protection with a casual look.



Cotton fabric of 270 grs., triple seams, reinforced seat, wide toothed zipper, press stud closure at the wrists with a classic design and outstanding details make the outfits of the SUPERTOP Series the most reliable in the most extreme conditions.



With 245 gr fabric both in tergal as well as cotton, and a wide range of colours combine to make the clothes of our TOP Series a benchmark in the labour work wear market thanks to its unbeatable value quality.



Cheapness should not be incompatible with quality, the finish and the presentation of the product. The BASIC Line Principle.

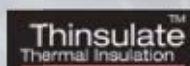




The perfect fabric for all types of activities. Excellent resistance to abrasion, with great durability and resistance in all types of climate. Modified arm with a polyamide structure using a special process of lanization produces, in the thread, appearance series of crystals that are extremely resistant to friction and abrasion.



Four thread polyester fibre (signals meaning that each thread divides into four inside developed for high performance in the transfer of humidity and accelerate evaporation of sweat). Unsurpassed performance in water absorption drying time and evaporation capacity



Hollow fibre whose design is to task is to trap the air given off by the body and keep it warm. When it was launched, it was claimed to be of the same caloric power of a feather but with significantly improved qualities in humid conditions. The insulation retains less than 1% of its weight and it requires little material to function, which allows it to lighten garments.



The mixture of polyester and spandex provides comfort, warmth smoothness and guarantees the elasticity and flexibility of the garment. The membrane allows the cotton to be impermeable, breathable thermally insulated and ensures true protection against adverse weather conditions (rain, snow and wind).



Fabric whose thread is made up of cotton (98%) and elastane (2%), to make it extremely comfortable and breathable. MARCA was the first company to use this type of material in work wear garments.



Ripstop fabric is an anti-tear fabric, with built-in thicker, high-resistance threads, with an interweaving in frames that prevents any possible tears from spreading.







**PRO SERIES**  
By MARCA

A design that goes beyond stylishness to cover a basic need: the comfort of the worker while carrying out his duties. This is the philosophy of the PRO Series: ergonomics, breathability and quality in the weaves and yarns to provide the required technical ability to a collection of careful design.



### 588-CRN

245 gr. Canvas tergal jacket. Red/Black

Border and details in reflective material. Adjustable wrists with press button closure. Two breast pockets and two waist pockets, both with flaps and push stud closure.

Sizes\_ 48/50 to 68/70



### 588-PRN

245 gr. Canvas tergal trousers. Red/Black

Elastic waist band. Knees reinforced with CORDURA fabric, which is more resistant to abrasion and with the possibility to insert flexible kneepads. Borders and details in reflective material. Lateral multi pocket Two rear pockets with flaps, two French pockets.

Sizes\_ 38/40 to 62/64





## 1288-POLRN

Short sleeve polo. Red/Black

"TECNICA" 135 gr. polyester, high breathability fabric. Breast pocket with flap Velcro closure.

Sizes \_ M-L-XL-XXL



## 1388-R

Polyurethane flexible knee pads. Pack of two. Optional accessory.

One size



## 288-CSR

SOFT-SHELL Windbreaker. Red/Black

100% poliéster spandex ligero. Transpirable y cortavientos. Tejido repelente al agua y con forro micro-polar anti-pilling interior. Cierre frontal por cremallera, dos bolsillos laterales y uno vertical en pecho. Mangas desmontables. Cremalleras con cierre "Water-Proof".

Sizes \_ S-M-L-XL-XXL-XXXL







## 588-PANE

245 gr. Canvas tergal trousers. Navy blue/Black

Adjustable elastic waist. Knees re-inforced with CORDURA abrasion-resistant fabric and with possibility to insert flexible knee pads. Borders and details in reflective material. Lateral multi-pocket. Two rear pockets with flaps and press stud closure and two French pockets.

Sizes\_ 38/40 to 62/64



## 588-CANE

245 gr. Canvas tergal jacket. Navy blue/Black

Borders and details in reflective material. Adjustable cuffs with press stud closure. Two breast and two waist pockets with flaps and press stud closure.

Sizes\_ 48/50 to 68/70



## 1388-R

Polyurethane flexible knee pads. Pack of two. Optional accessory

One size



## 1288-POLAN

Short-sleeved Polo. Blue/Black.

"TECNICA" 135gr. High-visibility polyester.  
Breast pocket with flap and Velcro closure.

Sizes \_ M-L-XL-XXL







## 588-PNEG

245gr. Canvas tergal trousers. Grey/ Black

Adjustable elastic waist. Knees reinforced with CORDURA abrasion resistant fabric and with the possibility to insert flexible knee pads. Borders and details in reflective material. Lateral multi pocket, two rear pockets with flap and press stud closure and two French pockets.

Sizes\_ 38/40 to 62/64



## 588-CNEG

245 gr. Canvas tergal jacket. Grey/Black

Borders and details in reflective material. Adjustable cuffs with press stud closure. Two breast and two waist pockets with flaps and press stud closure.

Sizes\_ 48/50 to 68/70



## 1388-R

Polyurethane flexible knee pads.  
Pack of two. Optional accessory

One size









## 588-CN

**Tergal 245gr. Canvas jacket. Black**

Borders and details in reflective material. Adjustable cuffs with press stud closure. Two breast and two waist pockets, both with flaps and press stud closure.

Sizes\_ 48/50 to 68/70



## 1388-R

**Polyurethane flexible knee pads. Pack of two. Optional accessory**

One size

**CORDURA**  
FABRIC

## 588-PN

**Tergal 245gr. Canvas trousers. Black**

Elastic waist adjustment. Knees re-inforced with CORDURA abrasion resistant fabric. Possibility to introduce flexible knee pads. Borders and details in reflective material Lateral multi pocket, two rear pockets with flap and press stud closure and two French pockets.

Sizes\_ 38/40 to 62/64

## 288-CSN

**SOFT-SHELL Windbreaker. Black**

100% light polyester spandex. Breathable windbreaker. Water repellent fabric with micro polo and micro-polar anti-pilling lining. Front zipper closing. Two side pockets and one breast pocket. Zipper with "Water-Proof" closure.

Sizes\_ S-M-L-XL-XXL-XXXL



## 588-CBG

Tergal 245 gr. Canvas jacket. White/Grey

Borders and details in reflective material. Adjustable cuffs with press stud closure. Two breast and two side pockets with flaps and press stud closure.

Sizes\_ 48/50 to 68/70



## 1288-POLBG

Short sleeve Polo. White/Grey

Highly breathable 135gr. "TECNICA" polyester cloth. Pocket with flap and Velcro closure

Sizes\_ M-L-XL-XXL



## 588-PBG

Tergal 245gr. Canvas trousers. White/Grey

Adjustable elastic waist. Knees reinforced with CORDURA abrasion-resistant fabric and the possibility to insert flexible knee pads. Borders and details in reflective material. Lateral multi pocket and two rear pockets with flaps and press stud closure and two French pockets.

Sizes\_ 38/40 to 62/64



## 588-CAZA

Tergal 245gr. Canvas jacket.  
Navy/Light blue

Borders and details in reflective material.  
Adjustable cuffs with press stud closure. Two  
breast and two side pockets, both with flap  
and press stud closure.

Sizes\_ 48/50 to 68/70



## 1288-POLAZA

Short sleeved Polo. Navy blue/Light

Fabric 135gr. "TECNICA highly breathable polyester  
fabric. Breast Pockets with Velcro and flaps closure.

Sizes\_ M-L-XL-XXL



## PAZA

Tergal 245 gr. Canvas trousers.  
Navy blue/Light blue

Adjustable elastic waist. Knees reinforced with  
abrasion resistant CORDURA fabric and with the  
possibility to insert flexible knee pads. Borders and  
details in reflective material. Lateral multi pocket, two  
rear pockets with flap and press stud closure and two  
French pockets.

Sizes\_ 38/40 to 62/64



## 288-CSA

**SOFT-SHELL. Windbreaker.**  
Navy blue/Light

100% light polyester spandex. Breathable and windbreaker. Water repellent fabric with micro polo and micro-polar anti-pilling lining. Front zipper closing. Two side pockets and one breast pocket. Zipper with 'WaterProof' closing.

Sizes\_ S-M-L-XL-XXL-XXXL



DETACHABLE  
SLEEVES



## 1388-R

**Polyurethane flexible knee pads.**  
Pack of two. Optional accessory

One size





## 588-BGN

**Tergal Overall 245 gr. Dark grey/Black**

Borders and details in fluorescent yellow. Seat. Elastic ankles Adjustable cuffs with Velcro. Zip cover with Velcro. Two normal pockets: Two bellows pockets with flaps with Velcro closure on legs two breast pockets with zips. Pocket for mobile. Pocket with zip on right leg. Back pocket.

Sizes\_ 48/50 to 68/70

## 588-CGN

**245gr. Tergal jacket. Dark grey/Black**

Border and details in fluorescent orange. Zip cover with Velcro. Cuff adjustment with Velcro. Two normal pockets. Two breast pockets with zips. Pocket for mobile phone.

Sizes\_ 48/50 to 68/70



**CORDURA**  
FABRIC

## 588-PGN

**245 gr. Tergal trousers. Dark grey/Black**

Elastic waist adjustment. Knees reinforced with abrasion resistant CORDURA material. System to allow insertion of flexible knee caps. Borders and details in fluorescent yellow. Seat. Two normal pockets. Two bellow pockets with flaps with Velcro closure. 2 back pockets with zip closure.

Sizes\_ 38/40 to 62/64



## 1388-R

**Polyurethane flexible knee pads. Pack of two. Optional accessory**

One size



## 1288-POLGN

Short-sleeved Polo. Dark Grey/Black

135gr. High breathability "TECNICA" fabric.  
Breast Pocket with flap and Velcro closure

Sizes\_ M-L-XL-XXL



## 288-VGN

Vest. Dark grey/Black

Multi-pocket vest Pro Series. A Padded inside.  
320 gr polyester.

Sizes\_ S to XXXL



DETACHABLE  
SLEEVES

## 288-CSGN

SOFT-SHELL Windbreaker. Dark Grey/Black

100% light polyester spandex. Breathable windbreaker.  
Water-repellent fabric with micro polo and micro-polar  
anti-pilling lining. Front zipper closing. Two side pockets  
and one breast pocket. Zipper with 'Water-Proof' closing.

Sizes\_ S-M-L-XL-XXL-XXXL





## 588-CAN

245 g tergal hunter. Navy blue/black

Reflective trim. Pocket for mobile phone and pens. Two chest pockets and two lower pockets, both with zippers.

Sizes\_ 48/50 to 68/70



## 288-VAN

Navy blue/black vest

Vest with light padding. Shoulders reinforced with more abrasion-resistant oxford nylon fabric. Reflective trim.

Sizes\_ S-M-L-XL-XXL-XXXL



## 288-PNA

Parka. Navy blue/black

Very warm. Fleece layer inside collar padded with polyester batting. Extra high collar for warmth. Retractable adjustable hood with lined neck and visor. Adjustable cuffs with Velcro. Double reflective trim. Front wide tooth zipper with double flap windbreaker with velcro. Waist adjustment by exterior and interior elastic back belt. Chest pockets and two back pockets with flap and velcro closure. Special polyester fabric throughout the garment and special oxford fabric reinforcement on shoulders and elbows.

- Outer fabric: 100% polyester.
- Padding: 100% 190T polyester.

Sizes\_ S to XXXL





## 1288-POLAN

Short sleeve polo. Navy blue/black

135 gr polyester "TECHNICAL" fabric with high breathability. Velcro pocket and chest cover.

Sizes\_ M-L-XL-XXL



## 588-PETAN

245 gr. tergal overalls. Navy blue/black

Knees reinforced with more abrasion-resistant CORDURA fabric. System for incorporating flexible knees. Reflective trim. Seat. Elastic ankles. Lateral adjustment system with buttons. Elastic waist. Two standard pockets. Back pocket. Mobile phone pocket. Zip pocket and pen holder on chest.

Sizes\_ 38/40 to 62/64



## 588-PAN

245 gr. tergal pants. Navy blue/black

Elastic waist adjustment. Knees reinforced with more abrasion-resistant CORDURA fabric. System for incorporating flexible knees. Reflective trim. Seat. 2 standard pockets. 2 back pockets with zipper. Side pocket with pleats and velcro closure. Toolholder pocket on right leg.

Sizes\_ 38/40 to 62/64



## 1388-R

Polyurethane flexible knee pads. Pack of two. Optional accessory

One size







**PRO SERIES**

By MARCA

**MSTRETCH**  
TEJIDO ELÁSTICO DE MÁXIMO CONFORT

**588-PP**

**CORDURA**  
FABRIC

**High-performance PRO+ pants with multiple pockets**

Black Pro Plus trousers, designed especially for the independent worker (maintenance, plumbing, locksmith, masonry, assemblers, painting and decorating, furniture manufacturing, gardening, delivery, jobs related to agriculture and livestock, forestry...). Works that require a high degree of lightness/resistance, durability and anti-tear protection ratio.

**Features:** Made with tergal Ripstop\* fabric (65% polyester/35% cotton), measuring 210 grams.

- Lightness, resistance, functionality, ergonomics, flexibility, advanced technology and design.
- Stretch fabric (92% Polyamide/8% Spandex) of 250 grams in critical areas subjected to greater stress.
- Anti-abrasive Cordura reinforcements on the knees, with knee opening for mobility
- 'Quick access' flap pockets, with a zip opening. Ripstop fabric is an anti-tear fabric, with a network of thicker threads of high resistance, box weaved to prevent the spread of tears.

Sizes\_ 34/36 to 62/64



**MSTRETCH**  
TEJIDO ELÁSTICO DE MÁXIMO CONFORT

**RIPSTOP**

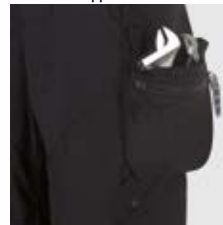
**CORDURA**  
FABRIC



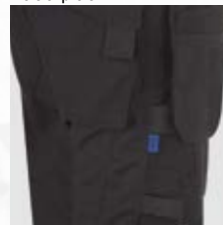
1.- Pocket with angled tool opening.



2.- Floating side pockets with detachable zippers.



3.- Loops for power tools, hammers or pliers.





## PROSERIES STRETCH Pants / Workwear



### Elastic Pants Cotton and Elastane

200 gr. weight elastic Cotton and elastane pants. 98% cotton, 2% elastane. Maximum comfort. Elastic waist, two French pockets, two side and two rear with flap and velcro. Reinforced knees with Oxford Nylon fabric for extra resistance.

Sizes\_ 34/36 to 62/64



#### 588-PSTA

ELASTIC cotton and elastane pants.  
Navy blue



#### 588-PSTG

ELASTIC cotton and elastane pants. Grey



A wardrobe designed for professionals that combine leisure and work time. Functional and comfortable clothing far removed from uniforms that combines protection with a more casual look.

## 588-CV

297 gr. Cowboy stretch vest. Dark blue

Chest closure and sleeves with metallic buttons. Left breast pocket flap and metal button closure. Fabric composition: 98% cotton, 2% elastane.

Sizes\_ 48/50 to 68/70



## 588-PV

297 gr. Cowboy stretch pants. Dark blue

Elastic waist adjustment. Two back pocket and two French type pockets, both with metal reinforcements at the edges of the opening. Side cargo pocket with flap and double metal button closure. Side pocket for holding electrode, screwdriver, wrench... Fabric composition: 98% cotton, 2% elastane.

Sizes\_ 38/40 to 62/64





## CASUAL SERIES Pants / Workwear



**588-PELASTG**

ELASTIC cotton and Elastane pants.  
Grey



**588-PELASTA**

ELASTIC cotton and Elastane pants.  
Navy blue



**588-PELASTK**

ELASTIC cotton and Elastane pants.  
Khaki



### Elastic Pants Cotton and Elastane

Weight 255 gr. 98% cotton - 2% elastane. Maximum comfort Adjustment system in waist. Two normal pockets Bellows pockets and Velcro placket on legs. Two back pockets.

Sizes\_ 34/36 to 62/64



▲ 588-PEA

▲ 588-PEW



▲ 588-PDA



▲ 588-PDM



## Specialist Pants 245g

'Sanforizing' Cotton pants. 4 pockets: 2 standard pockets, one on each leg with inverted pleat and velcro flap. Inverted pleat on knee. Seat. Velcro flap. Adjustable velcro waist.

Sizes\_ 38/40 to 62/64



## Detachable Pants 200g

Convertible to shorts. 4 pockets: 2 standard pockets, one on each leg with inverted pleat and velcro flap. Inverted pleat on knee. Seat. Elastic waist adjustment. Adjustable velcro waist.

Sizes\_ 38/40 to 62/64



▲ 588-PEA

**SPECIALIST** pants 245gr. (For WINTER).  
Navy blue

▲ 588-PEW

**SPECIALIST** pants 245gr. (For WINTER).  
Navy blue

"Sanforizing" cotton pants with flannel lining.

▲ 588-PDA

**DETACHABLE** pants 200 gr. (for summer). Navy blue

▲ 588-PDM

**DETACHABLE** pants 200 gr. (for summer). Beige.





270 gr. cotton fabric, triple seams, reinforced seat, wide tooth zippers, snap button cuff closures, and classic design with distinguishing details that improve the reliability of the SUPER-TOP Series line in extreme conditions.

## SUPERTOP JACKETS

270g



Made with triple seams and grey details. Two breast pockets, one with velcro inverted pleat and one with a zipper. Pocket for pens on the sleeve. Snap button-cuff closures. Wide tooth zipper and velcro flap closure. Elastic waist.



**488C SupTop**

270 gr. Cotton jacket. Royal blue

Sizes\_ 48 to 70



**488-B SupTop**

270 gr. cotton coveralls

Made with triple seams. Inverted pleat back and seat reinforcement. Grey details. Velcro ankle adjustment. Snap button cuff closures. Wide tooth zipper and velcro flap closure. False pockets with access to pants that can be used below.

Sizes\_ 48 to 70

## SUPERTOP trousers

270g



Made with triple seams and grey details. Two cargo-style side pockets with Velcro flap closure and two rear pockets. Coin pocket. Elastic back for a better fit. Velcro ankle adjustment.



**488P SupTop**

270 gr. cotton pants. Royal blue

Sizes\_ 38 to 62



**488 CAM SupTop**

270 gr. cotton jacket. Navy blue

Sizes\_ 48 to 68



**488 CG SupTop**

SupTop 270 gr. cotton jacket. Grey

Sizes\_ 48 to 68



**488 CN SupTop**

270 gr. cotton jacket. Black

Sizes\_ 48 to 68



**488 PAM SupTop**

270 gr. cotton pants. Navy blue

Sizes\_ 38 to 62



**488 PG SupTop**

270 gr. cotton pants. Grey

Sizes\_ 38 to 62



**488 PN SupTop**

270 gr. cotton pants. Black

Sizes\_ 38 to 62





245 gr. fabrics. Both tergal and cotton, and a wide range of colours, make our TOP Series a leader in the industrial workwear market, thanks to its unbeatable value.

## JACKET SERIETOP 245g

Jacket with wide-tooth zipper. Two pockets with zipper on the chest and an additional pen holder on the sleeve. Elastic waist and cuffs for a better fitting garment. Ref. 488-C top 100% cotton and the rest in tergal (65% polyester and 35% cotton).

Sizes\_ 48 to 68



**488-CTA Top**  
Tergal. Navy blue



**488-CM Top**  
Tergal. Beige



**488-C Top**  
100% Cotton. Royal blue



**488-CR Top**  
Tergal. Red



**488-CB Top**  
Tergal. White



**488-CG Top**  
Tergal. Grey



**488-CV Top**  
Tergal. Green

# TOP PANTS SERIES 245g

**488-PAW Top**  
WOMAN PATTERN  
100% Cotton. Navy blue

Sizes\_ S to XXL

**woman** *SERIES*  
By MARCA

Pants with wide tooth zipper and zipper cover flap. Two side cargo pockets with velcro flap closure. Back elastic waist for a better fitting garment. Ref. 488-P top 100% cotton and the rest in tergal (65% polyester and 35% cotton).

Sizes\_ 38 to 62



**488-PA Top**  
100% Cotton. Navy blue

**488-PTA Top**  
Tergal. Navy blue



**488-PM Top**  
Tergal. Beige



**488-P Top**  
100% Cotton. Royal blue



**488-PR Top**  
Tergal. Red



**488-PB Top**  
Tergal. White



**488-PG Top**  
Tergal. Grey



**488-PV Top**  
Tergal. Green



**488-PN Top**  
Tergal. Black



## SERIES-INFINITE

Cotton pants 245 gr. with reflective bands

With the new Infinite Line by MARCA our customers can combine the many different colours of pants in our Top Series with the different options we offer to turn them into high visibility garments. See High Visibility section.

Sizes\_ 38 to 62



 <sup>1</sup> EN20471



 <sup>1</sup> EN20471



488-CCR Top

Royal blue cotton jacket 245 gr. with reflective bands

Sizes\_ 48 to 68



488-PCR Top

Royal blue cotton pants 245 gr. with reflective bands

Sizes\_ 38 to 62

# TOP SERIES Overalls 245g

Our TOP overalls close with a special zipper, and have a wide protective flap and additional pockets. They come with special bags with hangers and are made with 245 gr. fabric.

Sizes\_ 48 to 68



**488-B Top**  
100% Cotton. Royal blue



**488-BA Top**  
100% Cotton. Navy blue



**488-BT Top**  
Tergal. Royal blue



**488-BTG Top**  
Tergal. Grey



**488-BV Top**  
100% Cotton. Green



**488-BTR Top**  
Tergal. Red



**488-BTM Top**  
Tergal. Beige



## TOP SERIES Multi-pocket Shorts 245g

100% cotton shorts with back pockets and front pockets plus explorer-style pockets with inverted pleat and flap with Velcro closure. Elastic waist.

Sizes\_ 38/40 to 58/60



488-S Top  
100% Cotton. Royal blue



488-SB Top  
Top 100% Cotton. White



488-SM Top  
100% Cotton. Beige



488-SG Top  
100% Cotton. Grey



488-SA Top  
100% Cotton. Navy blue





Affordability is no replacement for the quality, finishes and presentation of the product. The BASIC LINE Principle.

## BASIC LINE 200 gr. Coveralls

Zipper close with protective wide flap. Elastic waist for better adjustment. Tergal (80% polyester and 20% cotton).

Sizes\_ 48/70



388-B

Royal blue cotton coverall 200 gr



388-BT

Royal blue Tergal coverall 200 gr



388-BTB

White Tergal coverall 200 gr



388-BAUB

Unisex white Tergal lab coat. 180 gr

Sizes\_ 38/40 to 62/64



388-BAUA

Unisex Tergal royal blue lab coat. 180 gr

Sizes\_ 38/40 to 62/64

## BASICLINE 200g Jackets

Jacket with zipper close and two chest pockets. Elastic waist and cuffs with elastic fabric for a better fitting garment. 200 gr. tergal (80% Polyester-20% Cotton).

Sizes\_ 48/66



**388-CA**  
Tergal, Navy blue



**388-CE**  
100% Cotton, Royal blue

**388-C**  
Tergal, Royal blue



**388-CM**  
Tergal, Beige



**388-CV**  
Tergal, Green



**388-CG**  
Tergal, Grey



**388-CB**  
Tergal, White

## BASIC LINE 200 gr. Pants

Pants with zipper close and flat. Elastic adjustable waist. Two French pockets, one side with flap and Velcro closure on each thigh and two on the back with flap and velcro closure. 200 gr. tergal (80% Polyester-20% Cotton).

Sizes\_ 38/62



**388-PA**  
Tergal. Navy blue



**388-PE**  
100% Cotton. Royal blue

**388-P**  
Tergal. Royal blue



**388-PG**  
Tergal. Grey



**388-PM**  
Tergal. Beige



**388-PV**  
Tergal. Green



**388-PB**  
Tergal. White



## LONG SLEEVED Shirts

110g (tergal) / 130g (cotton)

Long-sleeved shirts have a classic cut with a design that encourages the worker's mobility. They also have two chest pockets with buttoned flap closure. They are made with Tergal and 100% cotton.

Sizes\_ 37/38 to 51/52



**388-CGML**  
Tergal. Grey



**388-CCML**  
Tergal. Light blue



**388-CMML**  
Tergal. Beige



**388-CAML**  
Tergal. Royal blue



**388-CVML**  
Tergal. Green



**388-CXML**  
100% Cotton. Navy blue



**388-CZML**  
100% Cotton. Navy blue

**388-COML**

100% cotton. OXFORD fabric shirt. Light blue

Sizes\_ M-L-XL-XXL

## SHORT SLEEVED Shirts

110g

Short sleeve shirts have a classic cut with a design that encourages the worker's mobility. They also have two chest pockets with buttoned flap closure.

Sizes\_ 37/38 to 51/52



**388-CCMC**  
Tergal. Light blue



**388-CAMC**  
Tergal. Royal blue



**388-CGMC**  
Tergal. Grey



**388-CMMC**  
Tergal. Beige



**388-CVMC**  
Tergal. Green





PRO SERIES  
By MARCA

## SHORT-SLEEVED Polos 135g

'Technical' fabric

135 gram polyester "TECHNICAL" fabric with high breathability.

Sizes\_ M-L-XL-XXL



1288 POLAN  
Navy blue/black



1288 POLAZA  
Royal blue/navy blue



1288 POLRN  
Red/black



1288 POLBG  
White/grey



1288 POLGN  
Dark grey/black





## SHORT-SLEEVED Polos 135g

Polos in 100% cotton fabric. Chest pocket.



Sizes\_ M-L-XL-XXL



**1288-POLZ**

100% COTTON. Royal blue



**1288-POLV**

100% COTTON. Green



**1288-POLN**

100% COTTON. Black



**1288-POLA**

100% COTTON. Navy blue



**1288-POLB**

100% COTTON. White



**1288-POLG**

100% COTTON. Grey



**1288-POLM**

100% COTTON. Beige



**1288-POLR**

100% COTTON. Red

## LONG-SLEEVED Polos 220g

Polos in 100% cotton fabric. Chest pocket.



Sizes\_ M-L-XL-XXL



**1288-POLAML**

100% COTTON Navy blue



**1288-POLGML**

100% COTTON grey



**1288-POLNML**

100% COTTON. Black

## JERSEYS, SWEATSHIRTS AND T-SHIRTS



### 1288-JNA

Jersey Police type 680 gr. Navy blue.  
100% acrylic

Sizes\_ M-L-XL-XXL



### 1288-JCA

Jersey with neck zipper 450 gr. Navy blue.  
100% acrylic

Sizes\_ M-L-XL-XXL



### 1288-JNV

Police-style jersey. 680 gr. Green. 100% acrylic

Sizes\_ M-L-XL-XXL



### 1288-JCV

Jersey with neck zipper 450 gr. Green.  
100% acrylic

Sizes\_ M-L-XL-XXL



## 1288-JSA

330 gr. sweatshirt. Navy blue 70% cotton, 30% polyester

Sizes\_ M-L-XL-XXL



## 1288-JSG

330 gr. sweatshirt. Grey 70% cotton, 30% polyester

Sizes\_ M-L-XL-XXL



## 1288-TSB

Cotton shirt. White. Lycra neck, more resistant

Sizes\_ M-L-XL-XXL



## 1288-TSG

Cotton shirt. Grey. Lycra neck, more resistant

Sizes\_ M-L-XL-XXL



## 1288-TSA

Cotton shirt. Navy blue. Lycra neck, more resistant

Sizes\_ M-L-XL-XXL





## 1388-CAH

### Back support belt with buckle fastening

Easy fitting thanks to its buckle adjustment system, allowing a good **adaptation** provided by its ergonomics.

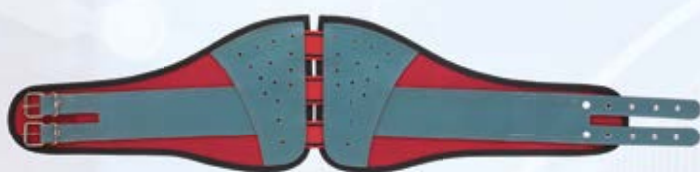
Designed to provide **support to back and abdomen lower part**, as well as to reduce vibrations that can **affect those** parts through contention effect of the belt.

**Thermal effect** through heat generation.

Made in **Cotton and Polyester**.

**Use:** in all type of activities requiring forced positions, as well as works with machinery, tools, etc.

CE Directive 89/686/CE



Size	Waist measurements
S	80cm
M	90cm
L	100cm
XL	110cm
XXL	120cm



## 1388-FL

### Back-belt

Back-belt with adjustable straps and velcro closure. Easy placement thanks to its elasticity and Velcro adjustment system, allowing excellent adaptation. Designed to provide support for the lower back and abdomen.

**-Straps:** Polyester

**-Strap buckle:** Polyester (plastic).

**-Girdle:** Elastic (polyester) + Nylon (polyamide).

**-Interior walls:** Polymer (plastic).

For use in any activity that involves forced positions, working with machine tools, etc.

CE Directive 89/686/CE

Size	Waist measurements
S	80 a 95cm
M	95 a 105cm
L	105 a 120cm
XL	120 a 135cm
XXL	135 a 150cm



## 1388-RR PRO

### Rigid PRO knee pad

Rigid PRO knee pad. Easily fits, thanks to its flexibility and Velcroadjustment system, which allows excellent alteration. Designed to provide comfort and prevent damage from hard surfaces or stones, which can cause damage to cartilage or chronic ailments (such as bursitis, etc.).

Made from:

- Structure: Polyamide and Spandex.
- Protector: PVC (exterior) and EVA (interior). For use during activities which require a kneeling position (planting soil, maintenance, plumbing, masonry ...).



One size

CE EN14404 Knee pads for those who kneel during work.

Type 1 (Knee pads independent to the garment, fastened to the leg).



## 1388-R

### Flexible polyurethane knee pad. Pack of 2 units

One size



## 1388-RR

### Rigid outer knee pad

Made of PVC and padded nylon Oxford fabric with high resistance and comfort. Back adjustment with elastic band.



## 1388-BR

### Neckwarmer

Fleece lining (100% polyester fleece) navy blue. Adjustment with snap and elastic string.

One size



Thinsulate<sup>TM</sup>  
Thermal Insulation

## 1388-GT

### Cold weather hat with acrylic point and Thinsulate lining. Navy blue

One size



## 1388-BPH

### Tool bag

Belt tool bag made of high strength fabric. Reinforced seams. Padded area that adjusts to the worker's waist. Tools not included.



## 1388-BELT

### Belt

High quality black cotton belt with highstrength aluminum buckle. Easily adaptable to any waist.



# »»»»» FLAME RESISTANCE AND WELDING





A wide range of clothing with flameproof, anti-static and anti-arc-flash properties.  
Available in two designs: treated cotton or in-built fabrics.



03

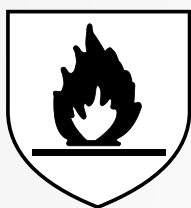
## CATEGORY

# 2

## Flame resistance (HEAT & FLAME)

### EN 11612 (previously EN531)

- A: Limited flame dispersion (A1-A2).
- B: Convective heat (B1-B2-B3).
- C: Radiant heat (C1-C2-C3-C4).
- D: Molten aluminium splashes (D1-D2-D3)
- E: Cast iron splashes (E1-E2-E3)
- F: Contact heat (F1-F2-F3).



## Welding

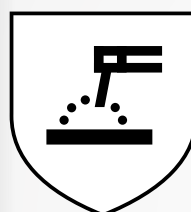
### EN 11611 (previously EN470)

#### CLASS 1

Small welding sparks (fine fabrics)

#### CLASS 2

Large welding sparks (thicker fabrics, greater technology and split leather)



## CATEGORY

# 3

Clothing designed to withstand temperatures of 100° C or more, or certified by Electric Arc...(IEC 61482).

## ADDITIONAL RELATED REGULATIONS

**IEC61482** electric discharge. This is not a standard feature of electrical insulation, but aims to safeguard against burns caused by this phenomenon. It is classified as Class 1 and Class 2 in according with its degree of protection.

**EN1149-5** static electricity. Prevents the accumulation of static electricity in the body, reducing the risk of generating sparks and, as a result, deflagration. EN1149-5 is the only standard that guarantees the comprehensive anti-static qualities of the garment.

**EN20471** refers to situations in which the presence of the user must be signalled in low-visibility conditions. It can belong to Class 1, Class 2 or Class 3.

The directive that regulates environments in which explosions are possible requires the use of fireproof (EN11612) and anti-static (EN1149-5) equipment.

**ATEX** 





Treated cotton and anti-static fibres provide the required protection, in accordance with the existing regulations and, moreover, add additional value through breathability and comfort.



## 988-PKIA/AE

**FIREPROOF and ANTI-STATIC parka**

280 gr. cotton exterior. Protection against heat, welding and related processes, as well as antistatic protection (prevents sparks that may cause an explosion). Also protects against electric arc.

CE EN13688

Sizes\_ S to XXXL



IEC 61482



EN 11612



EN 11611



EN 1149-5

CLASE 1 (A1-A2,B2,C2,X,X,F2) (A1-A2-CLASE 2)



## 988-PIA/AE

**FIREPROOF and ANTI-STATIC pants**

270 gr. cotton with Kevlar seams. Protection against heat, welding and related processes, as well as antistatic protection (prevents sparks that may cause an explosion). Also protects against electric arc.

CE EN13688

Sizes\_ 38/40 to 62/64



IEC 61482



EN 11612



EN 11611



EN 1149-5

CLASE 1 (A1-A2,B1,C1,E1,F1) (A1-A2-CLASE 1)



## 988-CIA/AE

**FIREPROOF and ANTI-STATIC jacket**

270 gr. cotton with Kevlar seams. Heat protection, welding and related processes, as well as anti-static protection (prevents sparks that may cause a fire). Also protects against electric arc.

CE EN13688

Sizes\_ 48/50 to 68/70



IEC 61482

CLASE 1



EN 11612

(A1-A2,B1,C1,E1,F1)



EN 11611



EN 1149-5

(A1-A2-CLASE 1)



## 988-CAIA/N

**FIREPROOF and ANTI-STATIC shirt**

Cotton 200 gr. Heat protection and antistatic protection (prevents sparks that can cause an explosion). Also protects against electric arc.

CE EN13688

Sizes\_ 37/38 to 51/52



IEC 61482

CLASE 1



EN 11612

(A1-A2,B1,C1,F1)



EN 11611

(A1-A2-CLASE 1)



EN 1149-5



## 988-CFYA

**FIREPROOF and ANTI-STATIC HIGH-VISIBILITY jacket**

270 gr. cotton with Kevlar seams. Heat protection, welding and related processes, as well as anti-static protection (prevents sparks that may cause a fire). Also allows the user to be easily visualised, thanks to hi-viz properties. Also protects against electric arc.

CE EN13688

Sizes\_ 48/50 to 68/70



IEC 61482

CLASE 1



EN 11612

(A1-A2,B1,C1,E1,F1)



EN 11611

(A1-A2-CLASE 1)



EN 1149-5



<sup>1</sup> EN 20471



## 988-PFYA

**FIREPROOF and ANT-STATIC HIGH-VISIBILITY pants**

270 gr. cotton with Kevlar seams. Heat protection, welding and related processes, as well as anti-static protection (prevents sparks that may cause a fire). Also allows the user to be easily visualised, thanks to hi-viz properties. Also protects against electric arc.

CE EN13688

Sizes\_ 38/40 to 62/64



IEC 61482

CLASE 1



EN 11612

(A1-A2,B1,C1,E1,F1)



EN 11611

(A1-A2-CLASE 1)



EN 1149-5



<sup>1</sup> EN 20471

## 988-BIA/AE

**FIREPROOF and ANTI-STATIC coverall**

270 gr. cotton with Kevlar seams. Protection against heat, welding and related processes, as well as anti-static protection (prevents sparks that may cause an explosion). Also protects against electric arc.

CE EN13688

Sizes\_ 48/50 to 68/70



IEC 61482

CLASE 1



EN 11612

(A1-A2,B1,C1,E1,F1)



EN 11611

(A1-A2-CLASE 1)



EN 1149-5



## 988-VFYA

**Fluorescent yellow flameproof and anti-static vest with retro-reflective bands**



**Applications:** Vest to visually signal the user in situations where low visibility is a concern, and protect against heat and flame, where an antistatic garment is also required (ATEX environments).

**Features and Advantages:** Made of 100% polyester, with fluorescent yellow fabric and retro-reflective bands. Velcro allows it to be easily adapted to the user on top of his wardrobe or uniform, while visually signaling his position.

CE EN13688

Sizes\_ M-L-XL-XXL



<sup>2</sup> EN 20471



EN 14116



EN 1149-5

These garments are crafted using very lightweight 250g fabric, increasing comfort by reducing thermal stress, therefore increasing the user's safety and comfort.

## 988-CIAM



### FLAMEPROOF and ANTI-STATIC JACKET

250 gr. attached fabric with Kevlar seams. Protection against heat, welding and related processes, as well as antistatic protection (prevents sparks that may cause a fire). Also protects against electric arc. protects against electric arc.

CE EN13688

Sizes\_ 48/50 to 68/70



IEC 61482  
CLASE 1



EN 11612  
(A1-A2,B1,C1)



EN 11611  
(A1-A2-CLASE 1)



EN 1149-5



## 988-PAIA



### FIREPROOF and ANTI-STATIC ski mask

**Applications:** Ski mask for heat, flame and welding environments, where an anti-static garment is also required (ATEX environments.).

**Features and Advantages:** Made of 240 grams of inherent fabric, with Kevlar seams.

CE EN13688

One size



EN 11612  
(A1-A2,B1,C1,E1,F1)



EN 1149-5



## 988-CAIAM



### FIREPROOF and ANTI-STATIC shirt

180 gr. attached fabric Protection against heat and anti-static protection (prevents sparks that may cause a fire).

CE EN13688

Sizes\_ 37/38 to 51/52



EN 11612  
(A1-A2,B1,C1,F1)



EN 1149-5



## 988-PIAM

**Textil  
Inherente**

**FIREPROOF and ANTI-STATIC pants**

250 gr. attached fabric with Kevlar seams. Protection against heat, welding and related processes, as well as anti-static protection (prevents sparks that may cause a fire). Also protects against electric arc.

CE EN13688

Sizes\_ 38/40 to 62/64



**IEC 61482**  
CLASE 1



**EN 11612**  
(A1-A2,B1,C1,F1)



**EN 11611**  
(A1-A2-CLASE 1)



**EN 1149-5**



## 988-BIAM

**Textil  
Inherente**

**FIREPROOF and ANTI-STATIC coveralls**

250 gr. attached fabric with Kevlar seams. Protection against heat, welding and related processes, as well as anti-static protection (prevents sparks that may cause a fire). Also protects against electric arc.

CE EN13688

Sizes\_ 48/50 to 68/70



**IEC 61482**  
CLASE 1



**EN 11612**  
(A1-A2,B1,C1,F1)



**EN 11611**  
(A1-A2-CLASE 1)



**EN 1149-5**









### 888-MD

Suede leather apron. 90 x 60cm

CE EN13688

One size



### 888-MG

Leather split sleeve, elbow length with elastic cuffs

### 888-MGH

Leather split sleeve, shoulder length with elastic cuffs

CE EN13688

One size



### 888-CHS

Split leather jacket with Velcro

CE EN13688

Sizes\_ 10 - 12



### 888-PL

Arm protectors made of split skin leather with velcro

CE EN13688

One size



\*On pages 46-47 of our catalog you will find WELDER's gloves.





Disposable garments for industrial use; designed by STEELGEN to meet the safety and hygiene standards for a variety of environments and professional settings.



04





# INNOVATION TO SAFE



## DISPOSABLE CLOTHING FOR CHEMICAL PROTECTION



### CATEGORY 3



TYPE  
1



Clothing which is  
airtight to gas

TYPE  
2



Clothing which is  
not airtight to gas

TYPE  
3



Clothing which  
is impermeable to  
liquids

TYPE  
4



Clothing which is  
airtight to sprays

TYPE  
5



Clothing which is  
airtight to particles

TYPE  
6



Clothing which is  
partially impermeable  
to spills.

### OTHER RISKS

#### ANTI-STATIC



EN 1149-5

#### FLAME RETARDANT



EN ISO 14116

#### BIOLOGICAL



EN 14126









#### RADIOACTIVE PARTICLES



EN 1073-2

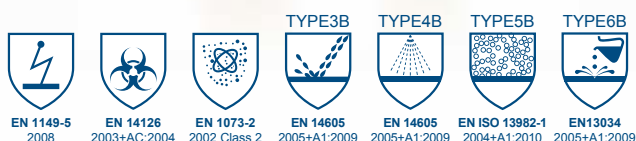


## SELECTION GUIDE

Reference	Name	 TYPE 3	 TYPE 4	 TYPE 5	 TYPE 6	 EN 1149	 EN 1073-2	 EN 14126	 EN ISO 14116
1188-B56	<b>STEELGEN</b> 500B			•	•				
1188-B56A	<b>STEELGEN</b> 500			•	•	•	•		
1188-B56 PRO	<b>STEELGEN</b> 1000			•	•	•	•	•	
1188-B56T	<b>STEELGEN</b> 1000T			•	•	•	•		
1188-B56FR	<b>STEELGEN</b> 1000FR			•	•	•	•		•
1188-B456 PRO	<b>STEELGEN</b> 3000		•	•	•	•	•	•	
1188-B3456 PRO	<b>STEELGEN</b> 5000	•	•	•	•	•	•	•	

**Cat. III** PPE Protection





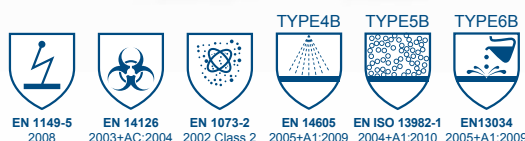
## 1188-B3456 PRO STEELGEN 5000

Disposable chemical risk diver type 3, 4, 5 and 6. Biological Protection (EN14126). Antistatic (EN1149-5) and protection against radioactive particles (EN1073-2)

**Characteristics** STEELGEN disposable hoodie with front closure zipper with adhesive placket. Elastic adjustment in hood and waist, cuffs and ankles. Heat-sealed seams. Clutch-fingers in sleeves and chin-covers.  
Material: 60% Polypropylene and 40% Polyethylene (82 grams/m²).

**Uses and functions** Industrial maintenance, chemical industry, handling of particles (glass fiber, toxic dust, asbestos...), industrial cleaning (tanks...), clean rooms, paint spraying, activities with biological risk (agriculture, veterinary, organic decomposition, waste, food...), pharmaceutical sector, shipbuilding, confined spaces (tunnels, mining...), petrochemical sector.

Sizes\_ S-M-L-XL-XXL-XXXL



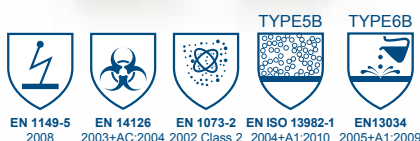
## 1188-B456 PRO STEELGEN 3000

Disposable chemical risk diver type 4, 5 and 6. Biological Protection (EN14126). Antistatic (EN1149-5) and protection against radioactive particles (EN1073-2)

**Characteristics** STEELGEN disposable hoodie with front closure zipper with adhesive placket. Elastic adjustment in hood and waist, cuffs and ankles. Clutch-fingers in sleeves and chin-covers.  
Material: 55% Polypropylene (SP) and 45% Polyethylene (Microporous film) (60 grams/m²).

**Uses and functions** maintenance of swimming pools, workshops, nautical..., handling of particles (glass fibers, toxic dust, asbestos...), cleaning, industrial paint, clean rooms, activities with biological risk (agriculture, veterinary, organic decomposition, waste, food...), pharmaceutical sector, shipbuilding, confined spaces (tunnels, mining...).

Sizes\_ S-M-L-XL-XXL-XXXL



## 1188-B56 PRO STEELGEN 1000

Disposable chemical hazard diver type 5 and 6. Biological protection (EN14126), Antistatic (EN1149-5) and protection against radioactive particles (EN1073-2)

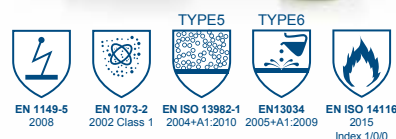
**Characteristics** STEELGEN disposable hoodie with front closure zipper with placket. Elastic adjustment in hood and waist, cuffs and ankles.

Material: 55% Polypropylene (SP) and 45% Polyethylene (Microporous film). (60 grams/m<sup>2</sup>).

### Uses and functions

maintenance of swimming pools, workshops, nautical..., handling of particles (glass fibers, toxic dust, asbestos...), cleaning, low dangerous chemicals... in environments where there is a flame risk (petrochemical platforms, ATEX environments, distribution and handling of fuels...)

Sizes\_ S-M-L-XL-XXL-XXXL



## 1188-B56 FR STEELGEN 1000 FR

Disposable chemical risk diver type 5 and 6. Flame retardant. Antistatic (EN1149-5), limited flame protection (EN14116) and protection against radioactive particles (EN1073-2)

**Characteristics** STEELGEN Fire Retardant Disposable Hoodie, front zip closure with flap. Elastic adjustment in hood and waist, cuffs and ankles.

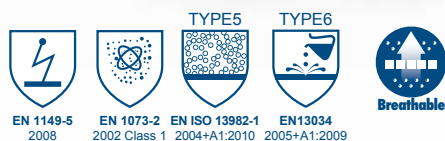
Material: 100% SMS Polypropylene with FR treatment (65grams/m<sup>2</sup>).

### Uses and functions

Uses and employment maintenance of swimming pools, workshops, nautical..., handling of particles (glass fibers, toxic dust, asbestos...), cleaning, low dangerous chemicals... in environments where there is a flame risk (petrochemical platforms, ATEX environments, distribution and handling of fuels...).

Sizes\_ S-M-L-XL-XXL-XXXL





## 1188-B56 T STEELGEN 1000T

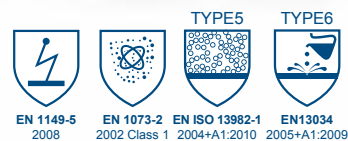
Disposable chemical risk diver type 5 and 6. Breathable. Antistatic (EN1149-5) and protection against radioactive particles (EN1073-2)

**Characteristics** STEELGEN breathable disposable hoodie with hood, front zip closure with flap. Elastic adjustment in hood and waist, cuffs and ankles.

Material: 55% Polypropylene (SP) and 45% Polyethylene (Microporous film) (60 grams / m²). Backing 100% Polypropylene (SMMS).

**Uses and functions** maintenance of swimming pools, workshops, nautical..., handling of particles (glass fibers, toxic dust, asbestos...), cleaning, water-based and powder-based paint, low dangerous chemicals... in hot environments or high physical activity that produce thermal stress.

Sizes\_ S-M-L-XL-XXL-XXXL



## 1188-B56 A STEELGEN 500

Disposable chemical hazard diver type 5 and 6. Antistatic (EN1149-5) and protection against radioactive particles (EN1073-2)

**Characteristics** STEELGEN disposable hoodie with front closure zipper with packet. Elastic adjustment in hood and waist, cuffs and ankles.

Material: 100% Polypropylene SMMS (50 grams/m²).

**Uses and functions** maintenance of swimming pools, workshops, nautical..., handling of particles (glass fiber, toxic dust, asbestos...), cleaning, water-based and powder-based paint, low dangerous chemicals.

Sizes\_ S-M-L-XL-XXL-XXXL



EN ISO 13982-1  
2004+A1:2010

EN13034  
2005+A1:2009

## 1188-B56 STEELGEN 500B

Disposable chemical risk diver type 5 and 6

**Characteristics** Characteristics STEELGEN disposable hoodie with front closure zipper with placket. Elastic adjustment in hood and waist, cuffs and ankles.

Material: 100% SMS Polypropylene (50 grams/m<sup>2</sup>).

**Uses and functions** cleaning tasks, construction, wood industry, domestic work...

Sizes\_ S-M-L-XL-XXL-XXXL

## Disposable clothing Non-chemical Risks

**Uses:** Disposable polypropylene garments, for situations where chemical protection is not necessary for the wearer; prevents stains on clothing, such as hygiene items (in visits to factories and the food industry), etc.

### 1188-BPPE

Disposable overalls

100% polypropylene 40 grs/m<sup>2</sup>. Zip and elastic closure at the hood, wrists, ankles and waist

Sizes\_ M-L-XL-XXL



### 1188-CPPE

Disposable shoe cover

Polypropylene 40 grs/m<sup>2</sup>. Elasticated.

One size



### 1188-GPPE

Disposable hat

Polypropylene 12 grs/m<sup>2</sup>. Elasticated

One size

### 1188-BAPPE

Disposable lab coat

Polypropylene 40 grs/m<sup>2</sup>. Four Velcro closures.

Sizes\_ S-M-L-XL-XXL



# »»»»» HIGH VISIBILITY





Technical clothing, specially designed for use in high-risk situations; it affords the user the greatest possible visibility across a variety of environments and settings.

# Regulation EN20471

## Requirements for High-Visibility Clothing



This clothing is designed to make the wearer visible, so that their presence can be made out in risky conditions, when in contact with sunlight or the lights of a car in darkness.

Benefits come from its colour and retroreflective properties, and the minimal surface areas and material layout of their placement.

- **Base material:** Fluorescent-coloured material, designed to be highly visible. The standard base colours are:

Fluorescent yellow

Fluorescent red-yellow

Fluorescent red

- **Retro reflective materials:** Retro reflective material; this does not need to meet the same requirements as the background material.

There are 3 defined classes of protective clothing, in accordance with the minimal material areas incorporated with it:

**Class 3** (which has the highest visibility in urban and rural environments).

**Class 2**

**Class 1** (which has the lowest visibility).

The new regulations only permit retro reflective bands of Level 2 or above; as a result, the lower level of the pictogram no longer appears, since it is already a prerequisite for the certification of the garment (Level 1 does not exist).



**X= Garment class (3, 2 o 1).**



HIGH  
VISIBILITY





## Polos HV SHORT SLEEVED Colour

Special polyester fabric with high breathability and sweat absorption.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL



**1288-POLFN/A**

ORANGE/ROYAL BLUE



**1288-POLFNN**

ORANGE



**1288-POLFNY**

YELLOW



## Polos HV SHORT SLEEVED Bicolour

Special polyester fabric with high breathability and sweat absorption.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL



**1288-POLFY/V**

YELLOW / GREEN



**1288-POLFY/A**

YELLOW / NAVY BLUE





### 1288-POLFNML

High visibility polo 200 g. Long sleeve.  
ORANGE

Double layer fabric: polyester exterior-cotton interior. Breathable and sweat absorbing.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL

 <sup>2</sup> EN 20471



### 1288-POLFYML

High visibility polo 200 g. Long sleeve.  
YELLOW

Double layer fabric: polyester exterior-cotton interior. Breathable and sweat absorbing.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL

 <sup>2</sup> EN 20471



### 1288-POLFY/A ML

High visibility polo 200 g. Long sleeve

Double layer fabric: polyester exterior-cotton interior. Breathable and sweat absorbing.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL

 <sup>1</sup> EN 20471





## 288-VFCY

High Visibility Vest. Yellow

Zipper and ID holder.

CE EN 13688 Sizes\_ M-L-XL-XXL



## 288-VFCN

High Visibility Vest. Orange

Zipper and ID holder.

CE EN 13688 Sizes\_ M-L-XL-XXL



## 288-VFCMY

Chaleco HIGH VISIBILITY.  
Malla textil. Color amarillo

Cremallera y portaidentificación.

CE EN 13688 Sizes\_ M-L-XL-XXL



## 288-HV014

High Visibility Vest. Yellow

Double band. Velcro closure.

CE EN 13688 Sizes\_ XL



## 288-VMFY

Multi-pocket vest. Yellow

Zipper closure and windbreaker flap. Multipocket vest with padded interior polyester wadding. Inside pocket, mobile phone holder and pen holder on chest, triple pocket on both sides. Lower abdomen skirt cover. Neck lined with fleece for added warmth and comfort. Zipper closure and windbreaker flap.

CE EN 13688 Sizes\_ M-L-XL-XXL



## 288-VMFN

Multi-pocket vest. Orange

CE EN 13688 Sizes\_ M-L-XL-XXL





## Items to identify the wearer



### 288-AHV

Fluorescent yellow harness with retro-reflective bands

CE EN 13688

Sizes\_ XL



EN 1150

### 1388-PLFY

Fluorescent leg bands. Yellow

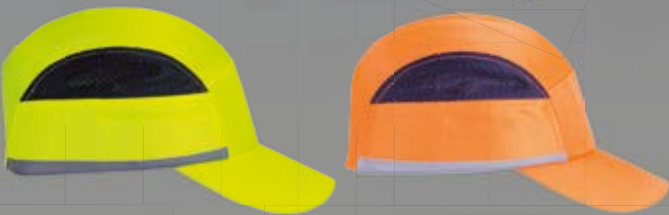
80% cotton, 20% polyester fabric.

CE EN 13688

Talla única



EN 1150



### 2088-GP PRO AVY

Yellow

### 2088-GP PRO AVN

Orange

Anti-shock protection cap with side ventilation grilles. Yellow. High Visibility with reflective bands

**Characteristics** Shockproof baseball cap with side ventilation grilles (greater ventilation area). ABS inner shell (plastic that is highly resistant to impact and has high energy absorption capacity even at low temperatures) with EVA inner padding. One size fits all adjustable with Velcro (58-63 cm)

**Uses and functions** For any activity where a protective industrial helmet is not required (falling objects), but there is a risk of hard and immobile objects hitting the head (shelves, protrusions, transport, tools, etc.) Industrial helmets against bumps.

CE EN812 Helmets against bumps for the industry.



### 488-CFY Top

High visibility Windbreaker 230g. Yellow

80% cotton, 20% polyester fabric.

CE EN 13688

Sizes\_ 48 to 68



EN 20471



### 488-PFY Top

Top High visibility pants 230g. Yellow

80% cotton, 20% polyester fabric.

CE EN 13688

Sizes\_ 38 to 62



EN 20471

## Infinity SERIES

With the Infinite Line by MARCA our customers can combine the many different colours of pants in our Top Series with the different options we offer to turn them into high visibility garments.

CE EN 13688

Sizes\_ 38 to 62

EN 20471



**388-PFY**

Royal blue/yellow



**488-PFY/B**

White/yellow



**488-PFY/R**

Red/yellow



**488-PFY/G**

Grey/yellow



**488-PFY/M**

Beige/yellow



**488-PFN/B**

White/orange



**488-PFN/R**

Red/orange



**488-PFN/G**

Grey/orange



**488-PFN/M**

Beige /orange



**488-PFN/V**

Green/orange



### 388-CFY/AA

Windbreaker with PADDED interior. Bicolour

CE EN 13688

Sizes\_ 48 to 68



### 388-CFY/A

Windbreaker, tergal. Yellow/blue

CE EN 13688

Sizes\_ 48 to 68



Windbreaker shirt and pants with padded interior for cold environments.



### 388-PFY/AA

Pants with PADDED interior. Bicolour

CE EN 13688

Sizes\_ 38 to 62



### 388-PFY/A

Tergal pants. Yellow/blue

CE EN 13688

Sizes\_ 38 to 62



### 388-CFY/V

Windbreaker, tergal. Yellow/green

CE EN 13688

Sizes\_ 48 to 68



### 388-PFY/V

Tergal pants. Yellow/green

CE EN 13688

Sizes\_ 38 to 62



### 388-PFN/A

Tergal pants. Orange/blue

CE EN 13688

Sizes\_ 38 to 62



### 388-CFN/A

Windbreaker, tergal. Yellow/green

CE EN 13688

Sizes\_ 48 to 68







Flameproof, anti-static clothing.  
High visibility certification.



## 988-VFYIA

**Fluorescent yellow flameproof and anti-static vest with retro-reflective bands**

**Applications:** Vest to visually signal the user in low visibility situations, in heat and flame environments, where an anti-static garment is also required (ATEX environments).

**Features and advantages:** Made of 100% polyester, with fluorescent yellow fabric and retro-reflective bands. It can be easily adapted to the user on top of his wardrobe or uniformity thanks to Velcro, and visually indicates his position.

CE EN 13688

Sizes\_ M-L-XL-XXL



EN 14116



## 988-CFYIA

**FLAMEPROOF, ANTI-STATIC high-visibility jacket**

270 gr cotton with Kevlar seams. Protects against heat, welding and associated tasks, and provides anti-static protection (prevents the formation of sparks capable of causing deflagration). Also makes the wearer visible in situations of low visibility and protects against electric arc.

CE EN 13688

Sizes\_ 48/50 to 68/70



IEC 61482  
CLASSE 1



EN 11612  
(A1-A2,B1,C1,E1,F1)



EN 11611  
(A1-A2-CLASSE 1)



EN 1149-5



EN 20471



## 988-PFYIA

**FLAMEPROOF, ANTI-STATIC high-visibility pants**

270 gr cotton with Kevlar seams. Protects against heat, welding and associated tasks, and provides anti-static protection (prevents the formation of sparks capable of causing deflagration). Also makes the wearer visible in situations of low visibility and protects against electric arc.

CE EN 13688

Sizes\_ 38/40 to 62/64



IEC 61482  
CLASSE 1



EN 11612  
(A1-A2,B1,C1,E1,F1)



EN 11611  
(A1-A2-CLASSE 1)



EN 1149-5



EN 20471



### 388-BFYE

Economic overalls. Yellow

CE EN 13688

Sizes\_ 48 to 68



### 388-CFYE

Economic jacket. Yellow

CE EN 13688

Sizes\_ 48 to 68



### 388-PFYE

Economic pants. Yellow

CE EN 13688

Sizes\_ 38 to 62





## 288-FPFY/V MIX

High-visibility Polar Jacket  
Bicolour: yellow/green

Exterior fabric: 300 gr fleece lining. 100% polyester. Very light, comfortable and warm. Two exterior pockets with flaps.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL



1 EN 20471



EN 14058  
1.X.X.X.X



## 288-FPFY/A MIX

High-visibility Polar Jacket  
Bicolour: yellow/royal blue

Exterior fabric: 300 gr fleece lining. 100% polyester. Very light, comfortable and warm. Two exterior pockets with flaps.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL



1 EN 20471



EN 14058  
1.X.X.X.X



## 288-FPFN/A MIX

High-visibility Polar Jacket  
Bicolour: orange/royal blue

Exterior fabric: 300 gr fleece lining. 100% polyester. Very light, comfortable and warm. Two exterior pockets with flaps.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL



1 EN 20471



EN 14058  
1.X.X.X.X







Detachable sleeves

 <sup>1</sup> EN 20471

## 288-CSFY/A

Windbreaker SOFT-SHELL. Bicolor with detachable sleeves

100% polyester light spandex. Breathable and wind resistant. Water repellent fabric with micro-polar lining anti-pilling interior. Zippered front, two side pockets and one vertical chest pocket. Detachable sleeves.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL.

 <sup>2</sup> EN 20471



## 288-CSF

Windbreaker SOFT-SHELL

100% polyester. Breathable and wind resistant. Water-repellent fabric with micropolar lining anti-pilling interior. Zippered front, two side pockets and one vertical chest pocket. Zippers with "Water-Proof" closure.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL

 <sup>2</sup> EN 20471





Reflective band **3M**

## 288-PFY

### High Visibility Parka. Yellow

3M Belt. Breathable. Removable hood on neck adjustable with string Double front closure: zipper and Velcro flaps. Removable hood on neck adjustable with string Double zippered closure and flaps with buttons on pockets with buttons. Interior elastic cuffs. Two lower pockets with flaps. Interior pocket

• Outer fabric: Oxford 300D polyester. Polyurethane.

• Padding: 100% polyester 200 gr. on body/60 gr. on sleeves).

• Lining: 100% polyester 170T.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL



3 EN 20471



1 EN 343



## 288-PFNE

### High Visibility Parka. Basic. Orange



## 288-PFE

### High Visibility Parka. Basic

Yellow parka. Removable hood on neck adjustable with string. Double zippered closure and flaps with buttons on pockets with buttons. Two pockets with flaps.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL



3 EN 20471



EN 14058

2.X.X.X.X



## 288-PFN Mix

### High visibility parka. Orange/navy blue

## 288-PFY Mix

### High visibility parka. Yellow/navy blue

Breathable and adjustable zipper Removable hood on neck with string Double front closure: flap with snap buttons. Interior elastic cuffs. Two lower pockets with flaps. Interior pocket

• Interior fabric: Oxford 150D polyester/polyurethane.

CE EN 13688 Sizes\_ S-M-L-XL-XXL-XXXL



3 EN 20471



1 EN 343






Exterior rain  
jacket

Interior  
jacket

Convertible  
vest

## 288-PKFY

### High Visibility Parka. TRIPLE USE

**Exterior rain jacket:** Breathable. Removable hood on neck adjustable with string. Double front closure: flap with snap buttons. Adjustable cuff with snap buttons. Two lower pockets with flaps.

- Outer fabric: Polyester Oxford 300D /polyurethane.

**Jacket - interior vest:** CONVERTIBLE VEST.

Sleeve closure with zippers. Padded vest. Interior elastic cuffs. Two lower pockets.

- Outer fabric: Polyester Oxford 300D /polyurethane.
- Padding: 100% polyester (180 gr.).
- Lining: 65% polyester / 35% cotton also on sleeves.

CE EN 13688

Sizes\_ S-M-L-XL-XXL-XXXL


<sup>3</sup> EN 20471

<sup>1</sup> EN 343

1



## 288-PKFV Mix

### High Visibility Parka. Yellow/green - TRIPLE USE

**Exterior rain jacket:** Breathable. Removable hood on neck adjustable with string. Double front closure: flap with snap buttons. Adjustable cuff with snap buttons. Two lower pockets with flaps.

- Outer fabric: Polyester Oxford 300D /polyurethane.

**Jacket - interior vest:** CONVERTIBLE VEST. Sleeve closure with zippers. Padded vest. Elastic cuffs. Two lower pockets.

- Outer fabric: Polyester Oxford 300D /polyurethane.
- Padding: 100% polyester (180 gr.).
- Lining: 65% polyester / 35% cotton also on sleeves.

CE EN 13688

Sizes\_ S-M-L-XL-XXL-XXXL


<sup>2</sup> EN 20471

<sup>1</sup> EN 343

1



## 288-PKFA Mix

Yellow/royal blue



## 288-PKFN Mix

Orange/royal blue





## 288-TAFN

High visibility rain jacket. Orange



<sup>3</sup> EN 20471



<sup>3</sup> EN 343

## 288-PAFY

High visibility pants. Yellow



<sup>1</sup> EN 20471



<sup>3</sup> EN 343



## 288-TAFY

High visibility rain jacket. Yellow



<sup>3</sup> EN 20471



<sup>3</sup> EN 343

Compatible with 288-PAFY pants. Removable hood on neck adjustable with string. Double front closure: zipper and flap with snap buttons. Adjustable cuff with snap buttons. Two lower pockets with flaps.

- Outer fabric: Oxford 150D polyester/polyurethane.

CE EN 13688

Sizes\_ S-M-L-XL-XXL



## 288-PAFN

High visibility pants. Orange



<sup>1</sup> EN 20471



<sup>3</sup> EN 343

Compatible rain jacket 288-TAFN. Elastic waist. False pockets allowing access to pants pockets which can be pulled down. Ankle adjustment using snap buttons

- Outer fabric: Oxford 150D polyester/polyurethane.

CE EN 13688

Sizes\_ S-M-L-XL-XXL



HIGH  
VISIBILITY



## »»»»» COATS AND RAIN GEAR





Meteo effectively protects its users against adverse weather conditions, while retaining comfort, ergonomics and ease of movement, allowing the wearer to carry out their work in the most effective way possible.



# 06

## VESTS / Coats and rain gear



**288-VEB**

White



**288-VEV**

Green

**288-VEA**

**CLASSIC vest. Navy blue**

Diamond shaped seams. Elastic waist. Bracelet with elastic. Two lateral pockets. Interior pocket.

- Outer fabric: 65% polyester / 35% cotton.
- Padding: 100% polyester (200 gr. body / 260 gr. neck). Lining: 100% polyester 190T.

Sizes\_ M-L-XL-XXL-XXXL



**288-VMA**

**MULTI-POCKET Vest. Navy blue**

Flower abdomen skirt cover. Elastic bracelet. Double front closure: zipper and windbreaker flap with snap buttons. Mobile phone pocket with pockets for pens. Flat pocket (ideal for stamping). 6 lower pockets: 3 on each side superimposed: one with zipper, one with velcro flap and another with free opening perfect for protecting the hands. Interior pocket.

- Outer fabric: 65% polyester / 35% cotton.
- Padding: 100% polyester (240 gr. on body / 400 gr. on neck).
- Lining: 100% polyester 190T.

Sizes\_ S-M-L-XL-XXL-XXXL



**288-VMV**

Green



**288-VMB**

White



**288-VMG**

Grey



## 288-VTM

### PLUME vest. Navy

Authentic plume fillings. Very light, warm and comfortable. Ergonomic and casual design. The feathers provides greater thermal insulation than polyester with much lower weight and volume. With 2 low exterior pockets and 2 interior pockets. Nylon bag for storage and transport.

- Outer fabric: 100% Polyamide.
- Padding: 90% Down / 10% Feather.
- Interior fabric: 100% Polyamide.

Sizes\_ S-M-L-XL-XXL-XXXL



## 288-VPA

### NAUTICAL Vest

Navy blue Very warm and also features a fleece lining with gloves. Interior fleece lining Lower abdomen skirt cover. Double front closure: zipper and windbreaker flap with snap buttons. Mobile phone pocket on right chest (side opposite heart) with pockets for pens. Flat pocket on left chest (ideal for silk screen or embroidery) Two lower pockets with zipper. Interior pocket.

- Outer fabric: 65% polyester / 35% cotton.
- Padding: 100% polyester (120 gr. on body / 180g on neck).
- Lining: 260 gr. fleece lining 100% polyester.

Sizes\_ S-M-L-XL-XXL-XXXL



## 288-VPN

### SWAT Vest. Black

Exterior fabric made of PVC polyester with water resistant treatment. Fleece interior lining on the upper part and nylon on the lower part. Polyester 200 gr. wadding. Double front pockets some with zipper and some for hands on the lower part. Two pockets with Velcro on the lower right side. Pocket with zipper and another of mesh on the lower left side. Belt for utensils on the middle right side of the vest. Wide tooth zipper closure and windbreaker flap with metallic snap buttons.

Sizes\_ S-M-L-XL-XXL-XXXL



## 288-VPM

### NAUTICAL Vest. Khaki

Very comfortable. Interior fleece lining. Elastic waist adjustment. Mobile phone pocket on right chest (side opposite heart) with pockets for pens. Flat pocket on left chest (ideal for silk screen or embroidery) Two lower pockets with zipper. Interior pocket.

- Exterior fabric: 100% Nylon Taslon Oxford.
- Lining: 260 gr. fleece lining 100% polyester.

Sizes\_ S-M-L-XL-XXL-XXXL





## POLAR FLEECEES / Coats and rain gear

### 288-FPR

**REVERSIBLE fleece. Blue/Grey**

Polar fleece 100% polyester with anti-pilling treatment to avoid the formation of unsightly little balls. Its 400 gr. weight provides great warmth to the user who can choose between navy blue or grey when putting the garment on.

Sizes\_ S-M-L-XL-XXL



### 288-FP

**ECONOMIC fleece. Blue**

100% polyester fleece lining.

Sizes\_ S-M-L-XL-XXL-XXXL

## NAUTICAL JACKETS

### Fleece-lined interior

Light, comfortable and warm. High neck for greater warmth. Removable hood on neck. Windbreaker flap behind zipper. Two lower pockets. Interior pocket.

- Outer fabric: Nylon Taslon/AC 228T.
- Padding: 100% polyester.
- Lining: 260 gr. fleece lining 100% polyester.

CE EN13688

Sizes\_ S-M-L-XL-XXL



EN 14058  
2XXXX



288-CPA

Navy



288-CPAZ

Royal blue



288-CPV

Green



288-CPM

Beige



288-CPG

Grey



288-CPR

Red



## Windbreaker JACKETS / Coats and rain gear



### 288-CSGN

Dark grey/black.  
DETACHABLE SLEEVES



### 288-CSA

Royal blue/navy.  
DETACHABLE SLEEVES



### 288-CSR

Red.  
DETACHABLE SLEEVES

100% polyester light spandex. Breathable and windbreaking. Water repellent cloth and with micro polar lining. Anti-pilling lining. Zipper front closure, two side pockets and one breast vertical. Removable sleeves Zipper with "Water-Proof" closure.

Sizes\_ S-M-L-XL-XXL-XXXL



Detachable  
sleeves



**PRO SERIES**  
By MARCA



### 288-CSN

Windbreaker SOFT-SHELL. Black

100% polyester light Elastane. Breathable and wind resistant. Water repellent fabric with micro-polar lining anti-pilling interior. Zippered front, two side pockets and one vertical chest pocket. Zippers with "Water-Proof" closure.

Sizes\_ S-M-L-XL-XXL-XXXL





## 288-CTM AM

PLUME jacket. Navy

Authentic plume fillings. Very light, warm and comfortable. Ergonomic and casual design. The feathers provides greater thermal insulation than polyester with much lower weight and volume. With 2 low exterior pockets and 2 interior pockets. Nylon bag for storage and transport.

- Outer fabric: 100% Polyamide.
- Padding: 90% Down / 10% Feather.
- Interior fabric: 100% Polyamide.

Sizes\_ S-M-L-XL-XXL-XXXL



288-CTM N

Black



288-CTM AZ

Royal blue



288-CTM R

Red



## 288-PKV

Green



## 288-PCA

TRIPLE USE Parka. Blue

Made of two pieces joined together using a snap button system. Exterior layer or rain coat: Breathable. Reinforced seams. Removable and adjustable hood. Double front closure: zipper and windbreaker flap with snap buttons. Ventilation on armpits and back. Adjustable built with string. Plastic case for ID card. Pockets with flaps and snap buttons. Two chest pockets and two lower pockets.

• Outer fabric: Polyester 170T of 0.18mm / PVC. Interior layer or husky: CONVERTIBLE VEST: removable sleeves with a zipper Corduroy neck and pocket borders. Checkered flannel lining. Elastic cuffs with small loops which can be coupled to the outer sleeve of the rain jacket allowing the user to remove and put on the two garments at the same time. Two lower pockets. Interior pocket.

• Outer fabric: 100% polyester 190T.

• Padding: 100% polyester (180g). • Lining: 100% cotton flannel.

Sizes\_ S-M-L-XL-XXL-XXXL

## 288-PCA

CLASSIC Parka. Blue

Compatible with padded pants ref. 288-PANA. Removable hood on neck, adjustable with string. Double front closure: zipper and windbreaker flap with snap buttons. Ventilation on armpits. Elastic on back part of waist. Adjustable cuffs with snap buttons. Pocket with zipper on left chest. Pocket with flaps and snap buttons on right chest. Two lower pockets with flaps and snap buttons. Interior pocket.

• Outer fabric: 0.18mm 170T polyester / PVC.

• Padding: 100% polyester (180 gr.).

• Lining: 100% polyester 190T.

Sizes\_ S-M-L-XL-XXL-XXXL



## 288-PCV

Green



Quilted interior lining detail



## 288-PANA

WINTER pants. Blue

Compatible with our parka ref. 288-PC. Padding. Very warm. Long zippers on legs that make them compatible with all types of boots. Two lateral pockets.

• Outer fabric: 0.18mm 170T polyester / PVC.

• Padding: 100% polyester (160 gr.).

• Lining: 100% polyester 190T.

Sizes\_ M-L-XL-XXL







## 288-P342

**Parka approved for COLD weather. Navy blue**

Parka approved for cold weather according to EN342. High thermal insulation. Protects against cold generated by weather conditions or cold generated by industrial activity. Front wide tooth zipper and windbreaker flap. Two chest pockets with waterproof zipper. Two side pockets with fleece inside for a greater sense of warmth when introducing hands. Interior pocket on chest. Interior adjustable string. Hood with interior fleece lining and visor, which is detachable. Elastic closure on sleeves and extra velcro adjustments.

- Outer fabric: 100% polyester Oxford 300D.
- Interior padding: 100% polyester (180 gr.).
- Lining: 280 gr. 100% polyester fleece lining.

CE EN13688

Sizes\_ S-M-L-XL-XXL-XXXL



## 288-PPA

**NAUTICAL Parka. Blue**

Very warm. Interior padded fleece lining. Extra high neck for greater warmth. Removable hood on neck with visor and string adjustment. Adjustable velcro cuffs. Double front closure: zipper and windbreaker flap with snap buttons. String adjustment on belt. Lower adjustment with string. Two middle pockets ideal for protecting the hands with an entrance designed to avoid water penetration. Two pockets with Velcro. Interior pocket.

- Outer fabric: 210D / PVC Oxford polyester.
- Padding: 100% polyester (160 gr.).
- Lining: 260g fleece lining 100% polyester-body / polyester on torso / polyester 190T on sleeves.

Sizes\_ S-M-L-XL-XXL

## 288-PNA

**Parka PRO SERIES. Navy blue/black**

Very warm. Fleece lining and neck and padding with polyester wadding. Extra high neck for greater warmth. Removable on lined neck, adjustable with visor. Adjustable velcro cuffs. Double front closure with wide tooth zipper and double windbreaker flap with velcro. Belt adjustment with exterior belt and elastic interior seat. Pockets on chest and two on the front part with flap and closure, special polyester fabric on the entire garment and special reinforcement of oxford fabric on shoulders and elbows. Reflective bands.

- Outer fabric: 100% polyester.
- Padding: 100% 190T polyester.

Sizes\_ S-M-L-XL-XXL-XXXL



## RAIN SUITS / Coats and rain gear

### 188-TAPV

Rain suit. 100% POLYURETANE

Pants jacket set. Lightweight and flexible. Removable hood on neck adjustable with string. Ventilation on back and armpits. Interior elastic cuffs. Two lower pockets with flaps to prevent water from getting in. Double front closure: zipper and Velcro flaps. Pants with elastic waist. False pockets allowing access to pants pockets which can be worn below. Ankle adjustment using snap buttons.

CE EN13688

Sizes\_ M-L-XL-XXL



### 188-TATV

Rain suit. BREATHABLE

Pants jacket set. Lightweight and flexible. Removable hood on neck adjustable with string. Ventilation on back and armpits. Cuffs with snap button closure. Two lower pockets with flaps to prevent water from getting in. Double front closure: zipper and Velcro flaps. Pants with elastic waist. False pockets allowing access to pants pockets which can be worn below. Ankle adjustment using snap buttons.

• Exterior fabric: Waterproof and breathable Nylon/polyurethane.

CE EN13688

Sizes\_ M-L-XL-XXL





## 188-TAIA

Water suit. ENGINEER. Navy blue

Pants jacket set. Lightweight and flexible. Removable hood on neck adjustable with string. Ventilation on back and armpits. Interior elastic cuffs. Two lower pockets with flaps to prevent water from getting in. Double front closure: zipper and velcro flaps. Pants with elastic waist. False pockets allowing access to pants pockets which can be worn below. Ankle adjustment using snap buttons.

• Outer fabric: Polyester 170T of 0.18mm / PVC

\*Note: in blue and green pants may be acquired separately, Ref. 188-PAI (A/V)

CE EN13688

Sizes\_ M-L-XL-XXL



## 188-TA32V

Green

## 188-TA32Y

WATER SUIT. Adjustable PVC

Pants jacket set. Hood adjustable with string. Ventilation on back and armpits. Interior elastic cuffs. Two lower pockets with flaps to prevent water from getting in. Double front closure: zipper and velcro flaps. Pants with elastic waist. False pockets allowing access to pants pockets which can be worn below. Ankle adjustment using snap buttons.

• 188-TA32V/Y: PVC/Polyester/PVC 0.3 mm

\*Note: in blue and green pants may be acquired separately, Ref. 188-PA32.

CE EN13688

Sizes\_ M-L-XL-XXL-XXXL



## 188-TAIV

Green



## 188-TAIY

Yellow



# »»»»» SAFETY FOOTWEAR







At the point where safety and design meet, and innovation transforms into functionality, Anibal shoes are born.



Calzado **de seguridad** de uso profesional



**SB**: Calzado con tope de seguridad (interior puntera) resistente a 200 J.

**METAL**  
safety footwear *free*

Nuestro calzado METAL FREE está certificado bajo las exigencias de la norma EN20345 para calzado de seguridad no usándose ningún componente metálico en su estructura.

- Tope de seguridad, Composite o fibra de vidrio.
- Ligero y amagnético.
- Recuperación más rápida.
- Aislamiento térmico.
- Flexibilidad y óptima torsión.
- Mayor aislamiento eléctrico.

**PUNTERA NO METÁLICA**  
Recuperación rápida tras aplastamiento y vuelta a la posición original, facilitando la salida del pie.

200j

1 2 3  
\*Tras un aplastamiento la puntera **vuelve a su forma original** facilitando la salida del pie.

**SUELA NO METÁLICA**,  
Mayor flexibilidad y ligereza y mayor aislamiento térmico.  
Amagnética.

**TEXTIL ANTIPERFORACIÓN**



1.100N



## CLASIFICACIÓN I

(Calzado fabricado con cuero y otros materiales)

01

- **0B:** Propiedades fundamentales.
- **01:** 0B + Zona del tacón cerrada + Antiestático + Absorción de energía en la zona del tacón.
- **02:** 01 + Resistencia a la penetración de agua.
- **03:** 02+ Resistencia a la penetración de la suela (P) + Suela con resaltes.

## CLASIFICACIÓN II

(Calzado todo caucho o todo polimérico.  
p.e. las botas de agua)

02

- **0B:** Propiedades fundamentales.
- **04:** 0B + Calzado antiestático + Absorción de energía en la zona del tacón.
- **05:** 04 + Resistencia a la penetración + Suela con resaltes.



### 01 Guía para **marcado** del calzado laboral



Identificación del fabricante. Marca

Marcado de conformidad UE

Referencia visible del producto

Categoría de clasificación

Normativa que regula el modelo



### 02 Guía de **simbología descriptiva** del calzado laboral



### Features & Advantages:

- **Micro fiber S 3 fabric** (resistance to penetration and absorption of water). The microfiber fabric, aesthetically very similar to the skin, but of **very high breathability, lightness and resistance**.
- **"Metal Free"**. Footwear without **metallic components**. Non-metallic anti-perforation and safety stop.
- **Non-metallic anti-perforation** and safety stop template.
- **Sole Bidensidad** Polyurethane maximum non-slip co-efficient SRC.
- **CI. Insulation against the cold of the entire floor (tested at -20°C)**. PU / PU bi-density sole.
- **Template in Poliyou** for comfort and shock absorption. **Very comfortable shoes**
- Extra wide last = **Greater comfort**.

### General applications:

**General Use** (Safety Footwear) and especially jobs where the use of safety footwear is required throughout the working day and therefore **exceptional comfort** where comfort is needed. That requires shoes without non-conductive metal parts (Metal Free), with a **high co-efficient of anti-slip (SRC)** or a **lighter footwear** (with non-metallic protection), and **more flexible** (with non-metallic antiperforation insole).



**1688-BAC**  
**Mod. "LEÓNIDAS"**

Black micro fiber leather S3 "Metal Free" boot with extra-wide double density

Category: S3 CI SRC WRU E A

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free





## 1688-BSOAC Mod. "AUGUSTO"



**Black microfiber leather boot S3 velcro welder with extra-wide double density polyurethane sole**

Work related to welding processes and related techniques with risks of splashing molten metals, sparks and incandescent projections that require rapid detachment of footwear

Category: S3 CI SRC WRU E A

CE EN20345

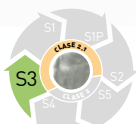
Sizes\_ 38 to 47



**Quick release Velcro** closure allows quick removal of the boot in case of incandescent splashes, sparks, etc.



## 1688-ZAC Mod. "COMODO"



**Microfiber leather shoe in S3 with extra-wide double density polyurethane sole**

Category: S3 CI SRC WRU E A

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free



## Serie U-LIGHT / Safety Footwear

### Characteristics and advantages:

- **Micro fiber S3 fabric** (resistance to penetration and absorption of water). High breathability, lightness and resistance, and very easy to clean.
- **"Metal Free"**. Footwear without metallic components.
- **Non-metallic** anti-perforation and safety stop template.
- **Ultralight Polyurethane Bidensity sole**; very light with optimum anti-slip co-efficient SRC.

### General applications:

**General Use** (Safety Footwear) and especially jobs where there is a **high incidence of humidity** (S3), work where **shoes without metal parts** are required (Metal Free), with a **high anti-slip co-efficient** (SRC) or needed **lighter** footwear (with non-metallic protections) and more **flexible** (with non-metallic anti-perforation insole).

**Use in areas EPA (Electrostatic Protection Areas)** in automotive, laboratories, appliances, research, aeronautics, high technology, water treatment... and **explosive atmospheres ATEX** in chemical, pharmaceutical, oil, environmental, gas, paint, generation of energy, etc. where a footwear is necessary that **avoids the accumulation of electrostatic energy**.



**1688-ZU PRO**  
**Mod. "CENTURION"**

ESD Microfiber shoe on S3 "Metal Free" Ultra-light sole.  
Polyurethane double density SRC.

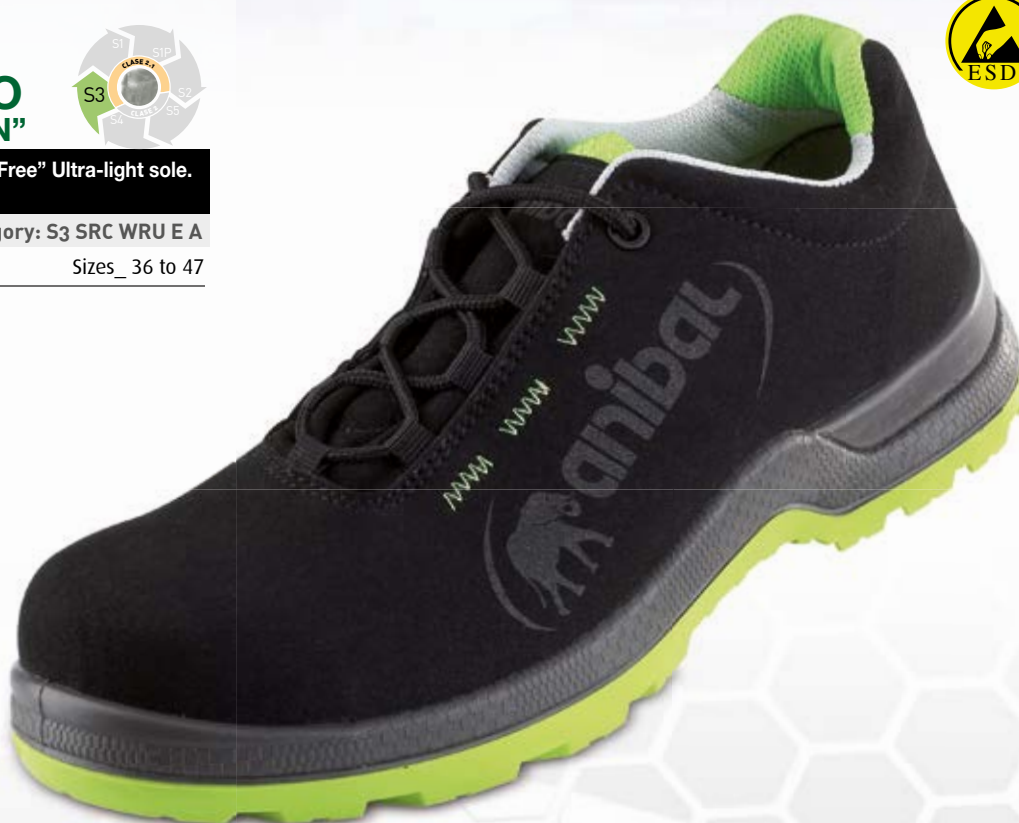
Category: S3 SRC WRU E A

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free







## 1688-BU PRO Mod. "MINERVA"

Boot ESD Microfiber on S3 "Metal Free" Ultra light sole.  
Polyurethane double density SRC.

Category: S3 SRC WRU E A

CE EN20345

Sizes\_ 38 to 47



**METAL**  
free



## Serie U-LIGHT / Safety Footwear

### Characteristics and advantages:

- **Micro fiber fabric with high breathability**, lightness and resistance, and very easy to clean.
- **"Metal Free"**. Footwear without metallic components.
- **Non-metallic** anti-perforation and safety stop template.
- **Ultralight Bidensidad Polyurethane sole**, very light and with the maximum anti-slip co-efficient SRC.

### General applications:

**General Use** (Safety Footwear) and especially **hot work** where footwear **without metal parts** is required (Metal Free), with a **high anti-slip co-efficient** (SRC) or a **lighter** footwear (with non-metallic protections) and **more flexible** (with non-metallic anti-perforation template), such as logistics, workshops, automotive, maintenance, manufacturing, etc.



### 1688-ZUF PRO Mod. "DRACO"

Microfiber shoe on S1P "Metal Free" ultra light sole made of polyurethane double density SRC

Category: S1P SRC E A

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free







## 1688-ZUP PRO Mod. "AQUILES"

Perforated microfiber shoe on S1P "Metal Free" sole  
polyurethane double density SRC



Category: S1P SRC E A

CE EN20345

Sizes\_ 36 to 47



**METAL**  
free



## Serie PU /GOMA / Safety Footwear

### Characteristics and advantages:

- **Smooth S3 micro fiber finish** (resistance to penetration and water absorption).
- **"Metal Free"**. Footwear without metallic components. Non-metallic anti-perforation and safety stop.
- **Rear reflecting detail** for greater visibility.
- **HRO. Contact heat resistance** [300 ° C / 1 minute].
- **CI. Insulation against the cold of the entire floor ( tested at -20°C)**. Sole Bidensidad Polyurethane / rubber.
- Polyurethane comfort zone and contact area with rubber floor (**greater resistance to temperature and hydrocarbons**).
- **Template in EVA** shaped for comfort.
- **Maximum anti-slip co-efficient SRC.**

### General applications:

**Elevated floor temperature** (metal and welding workshops, factories with incandescent elements, asphalt works, roofing and sheeting...).

**Very low soil temperature** (outdoor maintenance, etc.).

**Greater resistance to hydrocarbons and slippage**, gas stations, refineries, platforms, maintenance, factories, etc.).



**1688-ZGNR**  
**Mod. "ADRIANO"**

Microfiber leather shoe in S3 with double density sole  
Polyurethane / Rubber Nitrile

Category: S3 HI CI HRO SRC WRU E A

CE EN20345

Sizes\_ 38 to 47



**METAL**  
safety footwear **Free**





## 1688-BSOGR Mod. "TERMÓPILAS"



**Microfiber welder boot in S3 with double density sole  
Polyurethane / Rubber Nitrile**

Applications: Work related to welding processes and related techniques with risks of molten metal splashes, sparks and incandescent projections that require rapid detachment of footwear. Also for general use (safety footwear) and especially works with extreme temperatures (heat or cold), where insulation is needed on the floor.

Category: S3 HI CI HRO SRC WRU E A

CE EN20345

Sizes\_ 38 to 47



**Fast buckle-closing attachment**, allows quick removal of the boot in case of splashes incandescent, sparks, etc.



## 1688-BGGR Mod. "TRAJANO"



**Microfiber boots in S3 with double density sole  
Polyurethane / Rubber Nitrile**

Applications: General Use (Safety footwear) and especially works with extreme temperatures (heat or cold), where insulation is needed on the ground.

Category: S3 HI CI HRO SRC WRU E A

CE EN20345

Sizes\_ 38 to 47



**METAL**  
Free

### Characteristics and advantages:

- **Black micro fiber S3** (resistance to penetration and water absorption).
- 3M lateral **retroreflective strip** (greater visibility).
- Polyurethane **double density** (comfort zone less density than the area of contact with the floor).
- **Template in EVA** shaped for comfort.
- Template and **steel toe**.

### General applications:

**General Use** (Safety Footwear) and **especially jobs where there is a high incidence of humidity (S3)** and a **high anti-slip co-efficient (SRC)** is needed.



**1688-BRS3**  
**Mod. "NUMANCIA"**

Black leather boot S3 with dual density polyurethane sole

Category: S3 SRC WRU E A

CE EN20345

Sizes\_ 36 to 47





## 1688-ZRS3 Mod. "LUCENTUM"

Black leather shoe on S3 with dual density polyurethane sole

Category: S3 SRC WRU E A

CE EN20345

Sizes\_ 36 to 47



## 1688-PV Mod. "VISIT"

Safety limit for visits coupled to footwear

Toe cap (safety stop) visit type to attach to the footwear, providing protection against impacts (200J) in those areas where the use of safety footwear with protection in the toe cap is mandatory (visit to factories, works, workshops...).

Quickly and easily adapted to the user's footwear by means of an elastic. Non-slip sole on the floor.

CE 89/686/CEE

Sizes\_ S (36-39), M (40-43), L (44-46)



### Characteristics and advantages:

- White shoe **without microfiber cords**. The microfiber fabric has a series of advantages with respect to the skin: **more breathable, more flexible, more hygienic, easier to clean**.
- Micro fiber **resistant to grease and blood** (ASTM F1670).
- **Polyurethane double density SRC**.
- **CI. Isolation against the cold of the entire floor**. Sole Bidensidad Polyurethane / rubber.
- **Padded and antibacterial insole**.

### General applications:

**Use in multiple sectors and applications** where white footwear with a **safety cap** is required, in **humid environments** (S2), where the **maximum level of anti-slip** (SRC) is required, such as frozen transport, kitchens, food distribution, work related to painting and decoration...

### 1688-ZBM PRO Mod. "ADRIATICO"

S2 microfiber moccasin style shoe "Metal Free" white with dual density polyurethane sole

Category: S2 CI SRC WRU E A

CE EN20345

Sizes\_ 35 to 47



**METAL**  
Free







## Serie BASIC METAL FREE / Safety Footwear

### Characteristics and advantages:

- **Black micro fiber leather S3.**
- **"Metal Free".** Footwear without metallic components (except in welder model).
- Non-metallic **anti-perforation** and safety stop template.
- Maximum Polyurethane **Bidensity sole** anti-slip co-efficient SRC.

### General applications:

**General Use** [Safety Footwear] and especially **jobs where there is a high incidence of humidity** [S3], work where **shoes without metal parts are required** [Metal Free], with a **high anti-slip co-efficient** [SRC] or needed **lighter footwear** (with non-metallic protections) and **more flexible** (with non-metallic anti-perforation insole).



### 1688-ZRE PRO Mod. "TARRACO"

Black leather shoe S3 "Metal Free" with dual density polyurethane sole

Category: S3 SRC WRU E A

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free



1688-ZREW  
WOMAN PATTERN.

Sizes\_ 34 to 41





## 1688-BSO PRO Mod. "ONUBA"



**Black leather welder's boot with S3 buckle and double density polyurethane sole**

Applications: Work related to welding processes and techniques posing risk of molten metal, sparks and incandescent projections in general.

Features and Advantages:

- Quick release buckle closure, meaning the boot can quickly be removed in the event of incandescent splashes, sparks...
- Anti-perforation insole and non-metallic safety stop.
- Polyurethane dual density sole maximum anti-slip SRC ratio.

Category: S3 SRC WRU E A

CE EN20345

Sizes\_ 38 to 47



SAFETY  
FOOTWEAR

## 1688-BRE PRO Mod. "SAGUNTO"



**Black leather boot S3 "Metal Free" with dual density polyurethane sole**

Category: S3 SRC WRU E A

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free



## Serie BASIC METAL FREE / Safety Footwear

### Characteristics and advantages:

- Microfiber split leather combined with a **high performance fabric and high resistance to rips and tears**.
- **"Metal Free"**. Footwear without metallic components.
- **Non-metallic anti-perforation** and safety stop insole.
- Maximum Polyurethane **Bidensity sole** anti-slip co-efficient SRC.

### General applications:

**General Use** (Safety Footwear) and in jobs where **footwear is required without non-conductive metal parts** (Metal Free), with a **high anti-slip co-efficient** (SRC) or a **lighter footwear** (with non-metallic protections) and **more flexible** (with anti-perforation non-metallic template).



### 1688-ZSRA PRO Mod. "HISPALIS"



Blue suede shoe S1P "Metal Free" with dual density polyurethane sole

Category: S1P SRC E A

CE EN20345

Sizes\_ 35 to 47

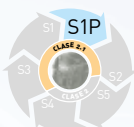


**METAL**  
Free





## 1688-BSPM PRO Mod. "EMERITA"

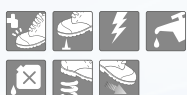


Brown suede boot S1P "Metal Free" with dual density polyurethane sole

Category: S1P SRC E A

CE EN20345

Sizes\_ 38 to 47



**METAL**  
free



## 1688-ZSRM PRO Mod. "LUSITANIA"



Brown suede boot S1P "Metal Free" with dual density polyurethane sole

Category: S1P SRC E A

CE EN20345

Sizes\_ 35 to 47



**METAL**  
free



## 1688-B Mod. "MASTIA"



**Black microfiber leather boot S1P with double density polyurethane sole**

Applications: General use in multiple sectors and applications where a safety footwear (safety stop and anti-drilling template) is needed, such as construction, workshops, logistics, automotive and manufacturing and industry in general, with a high anti-slip co-efficient. Exceptional (SRC).

Features and Advantages:

- Black microfiber leather S1P.
- Safety stop and anti-perforation steel insole.
- Dual density polyurethane sole (comfort zone less density than the area of contact with the floor).

Category: S1P SRC E A

CE EN20345

Sizes\_ 36 to 47



## 1688-Z Mod. "UXAMA"



**Black micro fiber leather S1P shoe with double density polyurethane sole**

Applications: General use in multiple sectors and applications where a safety footwear (safety stop and anti-drilling template) is needed, such as construction, workshops, logistics, automotive and manufacturing and industry in general, with a high anti-slip co-efficient. exceptional (SRC).

Features and Advantages:

- Black micro fiber leather S1P.
- Safety stop and anti-perforation steel insole.
- Dual density polyurethane sole (comfort zone less density than the area of contact with the ground).

Category: S1P SRC E A

CE EN20345

Sizes\_ 36 to 47





## 1688-BSO Mod. "VULCANO"



**Black microfiber leather boot S1P buckle welder with dual density polyurethane sole**

Applications: Work related to welding processes and related techniques with the risk of splashing molten metals, sparks... and incandescent projections in general, with a high exceptional antislip co-efficient (SRC).

Features and Advantages:

- Quick detach buckle closure, allows quick removal of the boot in case of incandescent splashes, sparks, etc.
- Safety stop and anti-perforation steel insole.
- Dual density polyurethane sole (comfort zone less density than the area of contact with the floor).

Category: S1P SRC E A

CE EN20345

Sizes\_ 38 to 47



## 1688-ZS Mod. "SCORPIO"



**Gray perforated split suede leather shoe S1P with dual density polyurethane sole**

Applications: General use in multiple sectors and applications where a safety footwear (safety cap and anti-drilling template) is needed in hot environments, such as construction, workshops, agriculture, logistics, automotive and manufacturing and industry in general, with a high exceptional anti-slip co-efficient (SRC).

Features and Advantages:

- Perforated suede microfiber leather combined with a high performance fabric and high resistance to rips and tears.
- Safety stop and anti-perforation steel insole.
- Dual density polyurethane sole (comfort zone less density than the area of contact with the floor).

Category: S1P SRC E A

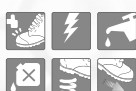
CE EN20345

Sizes\_ 36 to 47



**1688-ZS1**

**Anti-perforation insole**



Sizes\_ 36 to 47

## Serie SPORTY / Safety Footwear

### 1688-ZA Mod. "ATENAS"



Moccasin style shoe of suede leather on S1P.  
Polyurethane double density SRC sole

Applications: General use (Safety Footwear) and especially jobs requiring footwear without non-conductive metal parts (Metal Free), with high anti-slip ratio (SRC) or when lighter (with non-metallic protection) and more flexible (with non-metallic anti-perforation insole) footwear is needed.

- Moccasin type shoes without laces, very comfortable to put on and take off.
- Combined suede with high performance fabric and high resistance to rips and tears.
- "Metal Free". Footwear without metal components. Anti-perforation insole and non-metallic safety stop.
- Polyurethane dual density sole maximum antislip SRC ratio.

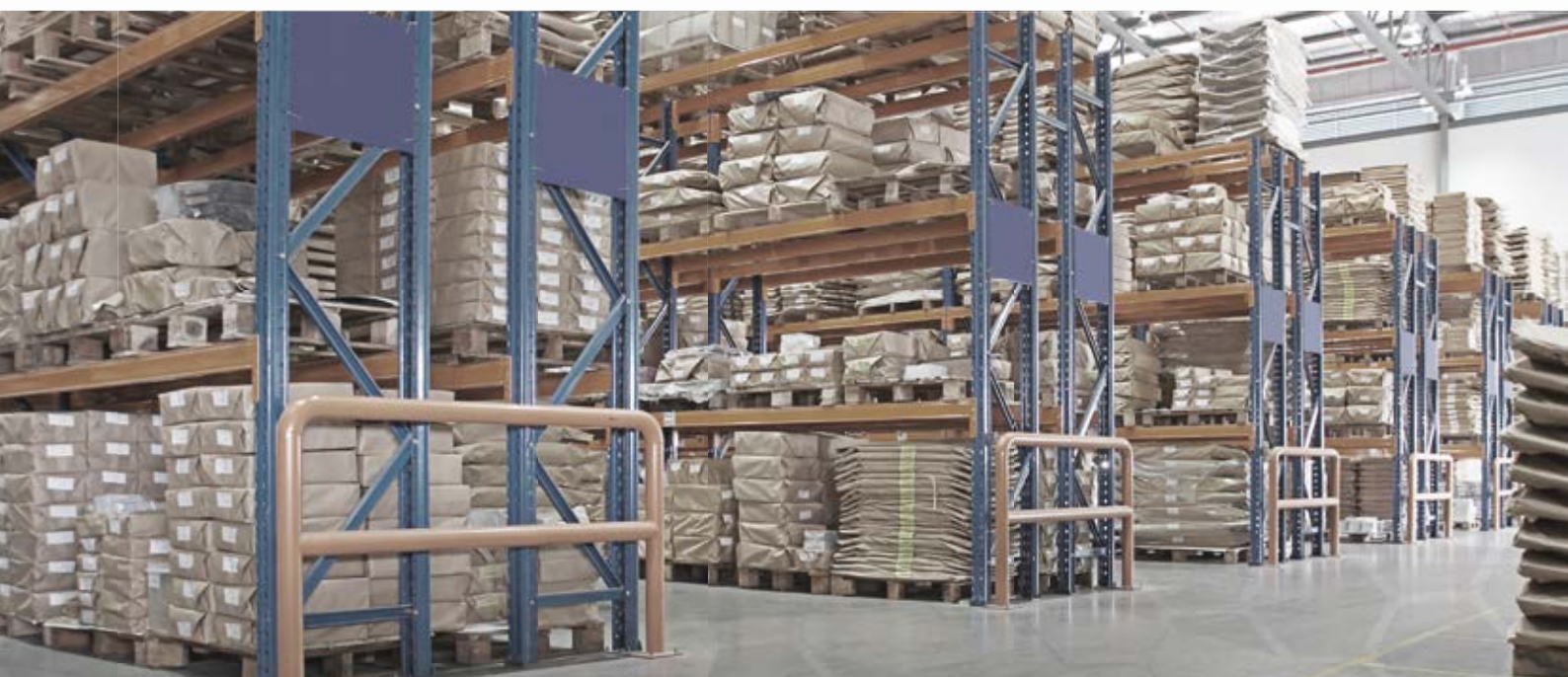
Category: S3 SRC WRU A E

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free







## 1688-ZO Mod. "OLIMPIA"



**Nobuk microfiber leather shoe in S1P. Dual density EVA/ SRC sole**

Applications: General Use (Safety Footwear) and especially jobs where long days are spent walking (warehouses, transportation related activities...), jobs requiring footwear without non-conductive metal parts (Metal Free), with high anti-slip ratio (SRC) or when lighter (with non-metallic protection) and more flexible (with non-metallic anti-perforation insole) footwear is needed.

Features and Advantages:

- Sporty design.
- Nobuk fabric (but more breathable grain leather, soft, consistent and resistant).
- "Metal Free". Footwear without metal components.
- Anti-perforation insole and non-metallic safety stop.
- Double Density Polyurethane Sole.
- EVA Insole for added comfort.

Category: S1P SRC E A HRO

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free





## Serie SPORTY / Safety Footwear

### 1688-ZKN Mod. "CRIXO"



Microfiber shoe in S1P. EVA dual density outsole / SRC rubber

Applications: General Use (Safety Footwear) and especially jobs where long trips are carried out during the working day (storekeepers, transporters, delivery people...), which require footwear without metallic non-conductive parts (Metal Free), with a high anti-friction co-efficient-sliding (SRC) or lighter shoes (with non - metallic protections), and more flexible (with anti-perforation non-metallic insole).

Features and Advantages:

Sports design. Cut in knit, very light, breathable and resistant. "Metal Free". Footwear without metallic components. Non-metallic anti-perforation and safety stop. Sole in EVA/rubber. Comfort zone in EVA and contact area with rubber floor (greater resistance to temperature and hydrocarbons). Polyurethane insole for greater comfort and shock absorption.

Category: S1P SRC E A HRO

CE EN20345

Sizes\_ 36 to 47

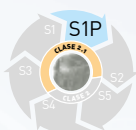


**METAL**  
Free





# 1688-ZMLY Mod. "ASTYLOS"



**Microfibre shoe with Multilayer technology in S1P. EVA double density outsole/SRC rubber**

Applications: General Use (Safety Footwear) and especially jobs where long trips are carried out during the working day (storekeeper, transporters, delivery people...), which require footwear without metallic nonconductive parts (Metal Free), with a high anti-friction co-efficient-sliding (SRC) or lighter shoes (with non-metallic protections), and more flexible (with anti-perforation non-metallic template).

Features and Advantages:

Sports design. Multi-layer cut that combines different materials melted in a single layer, avoiding seams. Very light, breathable and resistant. "Metal Free". Footwear without metallic components. Non-metallic anti-perforation and safety stop. Sole in EVA/rubber. Comfort zone in EVA and contact area with rubber floor (greater resistance to temperature and hydrocarbons). Polyurethane insole for greater comfort and shock absorption.

Category: S1P SRC E A HRO

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free



SAFETY  
FOOTWEAR



## Serie SPORTY / Safety Footwear

### Characteristics and advantages:

- **Sports design.**
- Mesh cut with **Phantom technology** (High Visibility) reinforced in Kpu, **breathable and resistant**
- **"Metal Free"**. Footwear without metallic components.
- Non-metallic **anti-perforation** and safety stop template.
- **Sole in EVA/rubber**. Comfort zone in EVA and contact area with rubber floor (greater resistance to temperature and hydrocarbons).
- **Poliyou insole** for greater comfort and shock absorption.

### General applications:

**General Use** (Safety Footwear) and especially jobs where **long journeys are made during the working day** (storekeepers, transport, delivery...), and in **low light conditions**, requiring footwear **without metal parts not conductive** (Metal Free), with a **high antislip co-efficient** (SRC) or a **lighter** footwear (with non-metallic protections), and **more flexible** (with non-metallic anti-perforation insole).



**1688-ZPH**  
**Mod. "OXILOS"**

Microfiber with high visibility Phantom technology in S1P. EVA dual density outsole / SRC rubber

Category: S1P SRC E A HRO

CE EN20345

Sizes\_ 36 to 47



**METAL**  
**Free**

**Inherent reflective tissue.**  
For jobs where there is low lighting.







### Characteristics and advantages:

- **Sports design.**
- Cut made in polyurethane injection by CPU process, grafting on a textile base **without seams, obtaining a cut with a lot of resistance to tearing, abrasion and wear.**
- **"Metal Free".** Footwear without metallic components.
- **Triple Density sole:** TPU in anti-twist area + PU in shock absorption area + Rubber
- **Nitrile in contact zone with the ground.**
- **Template in EVA** for greater comfort.

### General applications:

**General Use** [Safety Footwear] and especially jobs where **long journeys are made during the workday** (storekeepers, activities related to transport...), requiring shoes **without non-conductive metal parts** (Metal Free) or a **lighter** footwear is needed (with non-metallic protections) and **more flexible** (with anti-perforation non-metallic insole).



### 1688-ZDTN PRO Mod. "KRONOS"

Black sneaker, PU injected on S1P textile base. Triple density sole

Category: S1P SRC E A

CE EN20345

Sizes\_ 38 to 47



**METAL**  
Free





## 1688-BTS PRO Mod. "PRAXIS"



Trekking boot with membrane, manufactured in micro fiber in S 3 "Metal Free" outsole Ultralight of Polyurethane double density SRC

Applications: General Use (Safety Footwear) and especially jobs where footwear is required without nonconductive metal parts (Metal Free), with a high anti-slip co-efficient (SRC) or a lighter footwear is needed (with non-metallic protections) and more flexible (with anti-perforation non-metallic insole). Extreme outdoor activities and work, with a high physical effort.

Features and Advantages:

- "AnibalTex" membrane, which combines a high impermeability (protection against cold, wind and water) with a high breathability (evacuation of water vapor from sweating by physical exercise).
- Micro fiber fabric with high breathability, lightness and resistance, and very easy to clean.
- "Metal Free". Footwear without metallic components. Antiperforation template and non-metallic safety stop.
- Ultralight Bidensidad Polyurethane sole, very light and with the maximum anti-slip co-efficient.

Category: S3 WR SRC WRU CI E A

CE EN20345

Sizes\_ 38 to 47



**METAL**  
Free



SAFETY  
FOOTWEAR



### Characteristics and advantages:

- Split leather combined with a **high performance fabric and high resistance to rips and tears**.
- **"Metal Free"**. Footwear without metallic components.
- Non-metallic **anti-perforation** and safety stop template.
- Maximum Polyurethane **Bidensity sole** anti-slip co-efficient SRC.

### General applications:

**General Use** (Safety Footwear) and in jobs where footwear is required without non-conductive metal parts (Metal Free), with a **high anti-slip co-efficient** (SRC) or a **lighter** footwear (with non-metallic protections) and **more flexible** (with anti-perforation non-metallic template).

### 1688-ZTT Mod. "TELEMACO"

Microfiber trekking shoe in S1P with dual density polyurethane sole

Category: S1P SRC E A

CE EN20345

Sizes\_ 36 to 47



**METAL**  
Free



### 1688-BTT Mod. "TROYA"

Trekking boot of suede leather in S1P. Dual density polyurethane SRC sole

Category: S1P SRC E A

CE EN20345

Sizes\_ 38 to 47



**METAL**  
Free







### General applications:

**General Use** (Work Footwear) in all those tasks that, due to their specific activity, do not require a safety cap or resistance to drilling in the sole (logistics, conservation, decoration, harvesting in agriculture, gardening, maintenance, livestock...) and in humid environments.

### 1688-BTSP Mod. "ARES"

Trekking boot, unprotected, in category 02 plush microfiber, dual density polyurethane sole SRC

#### Characteristics and advantages:

- Trekking design boot.
- Combined suede with high performance fabric and high resistance to rips and tears.
- Resistance to water penetration (02).
- Polyurethane dual density sole maximum antislip SRC ratio.

Category: 02 SRC WRU E A

CE EN20347

Sizes\_ 38 to 47



### 1688-ZAG Mod. "GARUM"

Trekking shoe without protection in suede micro fiber skin. Polyurethane double density SRC

#### Characteristics and advantages:

- Plush micro fiber skin combined with a high performance fabric and high resistance to rips and tears.
- Dual density polyurethane sole. Maximum non-slip co-efficient SRC.

Category: 01 SRC E A

CE EN20347

Sizes\_ 38 to 47





## WATERPROOF Boots

### 1588-BAD

#### Mod. "Water boot for security and electrical risk"

**Safety water boot SB (safety stop) certified for electrical risk according to EN50321 Cl. 0 (Insulating shoes Class 0)**

Applications: General Use (Safety footwear) with presence of water and without it, and with electrical risk.

- All types of work with electrical risk (energy, industrial maintenance, chemical plants, electricians, telecommunications).
- Only footwear manufactured entirely with polymers (Class 2), water boot type, guarantees electrical insulation according to the only standard of electrical risk at present. Safety footwear in leather or microfiber, even if metal free, should not be used as electrically insulating footwear.

Features and Advantages:

- Safety water boot made with a special mixture of PVC and nitrile rubber with high electrical resistance. It allows the electrical isolation of the worker on the feet, even in the presence of water. Composite safety stop. Anti-slip resistance SRA. Very resistant to abrasion for durability. Resistant to hydrocarbons FO.

Category: SB FO SRA

EN20345 SB Sizes\_ 39/40, 41, 42, 43, 44/45, 46, 47.  
EN50321 Class 0. Insulating shoes for electricity in low voltage installations. Class 0 (1,000V in c.a. and 1500V in c.c.).



### 1588-BRQ

#### Mod. "Water boot for security and chemical risk"

**Safety water boot S5 (safety stop and anti-drilling template) certified for chemical risk according to EN13832-3 (High resistance to chemical products)**

Applications: General Use (Safety footwear) in environments a lot of water and at risk of chemical splash.

- Petrochemical plants, handling of chemical elements in agriculture, chemical and processing plants, livestock, paint and solvents, construction with chemical risk, industrial maintenance, works with chemical residues and decontamination, organic decomposition environments, etc.

Features and Advantages:

- Safety water boot made with a special mixture of PVC and nitrile rubber with high chemical resistance. Safety stop and anti drilling template in steel. Additional certification against Sulfuric Acid (50% concentration). Anti-slip resistance SRA. Very resistant to abrasion for durability. Extra protection of the ankle.

Category: S5 SRA

EN20345 S5 Sizes\_ 39 to 47.  
EN13832-3 (J K O P Q R) Footwear with high resistance to chemical products.



## 1588-BAN

BLACK PVC high water boot

## 1588-BAV

GREEN PVC high reed water boot

**Applications** Works in conditions of extreme humidity or water, for outdoor use (construction, agriculture...).

**Features and Advantages**

- PVC water boot in cane and sole.
- Anti-slip sole and resistant to hydrocarbons.
- Interior lining in polyester.

CE

Sizes\_ 35 to 47



## 1588-BAVS

Green water boot. Safety (S5) PVC/Nitrile high top

**Applications** Work in extreme humidity or with water requiring protection on the toe and insole. Particularly suitable for outdoor work (construction, industry, agriculture...) with risk of impact on the toe or risk of perforation in the sole.

**Features and Advantages**

- Water boot with PVC on ankle and PVC/Nitrile on sole.
- Safety stop made of extra-large steel and anti-perforation insole made of steel (S5).
- Energy absorption in the heel, anti-static and anti-slip.
- Resistant to hydrocarbons
- Inner lining in polyester.

CE EN 20345

Sizes\_ 36 to 48

## 1588-BAB

White PVC water boot PVC/Nitrile high top

**Applications** Work in extreme humidity or with water. Especially suitable for the food industry.

**Features and Advantages**

- Water boot with PVC/Nitrile on ankle and sole.
- Sole resistant to hydrocarbons (FO).
- Inner lining in polyester.

CE

Sizes\_ 35 to 47





## 1588-BABS

White water boot. PVC/Nitrile Safety high top

**Applications** Work in conditions of extreme humidity or with water requiring protection on the toe. Especially suitable for the food industry.

**Features and Advantages**

- Water boot with PVC/Nitrile on ankle and sole.
- Safety stop made of extra-large steel.
- Energy absorption in the heel anti-slip.
- Inner lining in polyester.

CE EN 20345

Sizes\_ 36 to 48



## 1388-CV

Summer sock in grey

## 1388-CI

Winter sock in black

Trekking work socks for extreme and prolonged activities. The outer structure of the sock is reinforced with polyamide it provides strength and a percentage of lycra that provides elasticity. In addition, friction points incorporate an extra boost of polyamide.

Sizes\_ 39 to 42 - 43  
to 46



COOL MAX®



Thermolite®



## 1388-CB

Round boot lace



# »»»»» HEIGHT PROTECTION





Equipment designed and manufactured to meet the greatest security and ergonomic standards, based on European regulations for those working at height.



**STEELPRO**  
— SAFETY —<sup>®</sup>

08

This type of PPE is classified under **category III** which includes complex design equipment intended to protect against all life-threatening danger or that which may cause serious and irreversible damage to one's health. Therefore, the manufacturer must draw up an EC declaration of conformity after a notified body has issued an EC certificate and performed controls on production.

### **General Requirements.**

Requirements applicable to all PPE: Ergonomics, Safety, Comfort and Effectiveness.

### **Complementary Requirements.**

When PPE incorporate adjustment systems, they must be made so that, once adjusted, they cannot (under normal use) be readjusted regardless of the user's will.

#### **Standard EN353-2**

Sliding anti-fall devices with flexible anchor line.

#### **Standard EN354**

Lanyards.

#### **Standard EN355**

Energy absorbers.

#### **Standard EN358**

Epis for clamping in working position and prevention of falls at high altitude. Belts for work positioning and

restraint and work positioning lanyards.

#### **Standard EN360**

Retractable type fall arresters

#### **Standard EN361**

Fall arresting harnesses.

#### **Standard EN362**

Connectors.

#### **Standard EN363**

This standard specifies the terminology and general requirements for fall protection systems used as PPE against falls from height. The must be designed and manufactured with a high level of protection that does not generate risks, is easy to install, lightweight and without poor adjustment, and that facilitates correct positioning after stoppage.

#### **Standard EN364**

Regulates test methods.

#### **Standard EN365**

General requirements for instructions for use and marking.

#### **Standard EN813**

Suspension Work.



**\_Marked CE mark** (when dealing with personal protective equipment in category 3) followed by the number of the authorized control body.

Manufacturer's name. Device model. Serial or batch number. Month and year of manufacture.

Manufacturing materials.

**\_Instructions for use**

Name and address of manufacturer or distributor.

Model.

Instructions for storage, cleaning and maintenance.

Other indications that the manufacturer deems appropriate.

**\_Maintenance.**

According to the standard **EN365** each piece of equipment must be reviewed by the user visually prior to each use to check for possible defects. The life of STEELPRO equipment is approximately five years, always depending on the conditions of use and maintenance (daily use, sun exposure, rubbing against edges and other devices, transportation... etc. shorten the life of the equipment).

An annual review is to be conducted by the manufacturer following the date of first use, and they should be replaced 5 years from the date of manufacture or date of first use. For annual reviews the cost, transportation, etc. should always be compared to the cost of purchasing a new product (with greater guarantees on new and unused

equipment) and that with a more recent manufacture date. Due to the current cost of equipment it is often more advisable from a cost perspective, and especially one of safety, to replace equipment with new ones.

**Symbols**



Sternal  
hook



Dorsal  
hook



Positioning  
hook



Seat  
hook

## 1888-AC PRO Harness mod. "STEELCONFORT 1"

Padded harness **STEELCONFORT 1** with dorsal and sternal coupling with positioning belt.

### Features

- Adjustable harness with dorsal and sternal coupling and adjustable positioning belt with lateral support rings according to EN358.
- Great ergonomic harness, comfort, versatility and lightness.
- Dorsal and sternal ring in accordance with EN361.
- Aluminum positioning and dorsal rings.
- Ergonomic padded back, belt and legs.
- Automatic buckles on legs and chest.
- Adjustable positioning belt with rings for positioning work on poles, towers, etc.
- Double regulation on chest and legs for better adaptation.

### Uses and functions

in activities with risk of falling height and need to position themselves to work in activities related to construction, maintenance of facades, towers, poles and scaffolding, industry, refineries, power plants, assemblies...

CE EN361 Fall arrest harnesses

EN358 Belts and components for holding and holding





## 1888-ABF PRO Harness mod. "STEELCONFORT 2"

Padded harness **STEELCONFORT 2** with dorsal and external coupling

### Features

- Adjustable harness with dorsal and sternal coupling.
- Great ergonomic harness, comfort, versatility and lightness.
- Dorsal ring and sternal coupling in accordance with EN361.
- Aluminum positioning and dorsal rings.
- Ergonomic padded back, belt and legs.
- Automatic buckles on legs and chest.
- Double regulation on chest and legs for better adaptation.

### Uses and functions

in activities with risk of fall in height to work in activities related to construction, maintenance of facades, scaffolding industry, refineries, power plants, assemblies...

CE EN361 Fall arrest harnesses



## 1888-ATS Harness mod. "APACHE"

**APACHE** harness for suspension work, fall arrest and positioning

### Features

Body harness with seat harness and positioning belt. Ventral, dorsal, front and adjustable positioning belt hook with side fastening rings under EN358.

- Harness with great ergonomics, lightness and versatility.
- Dorsal and sternal ring in aluminum consistent with EN361.
- Ventral ring in aluminum consistent with EN813.
- Lateral rings on belt in aluminum consistent with EN358.
- Padded back and legs.
- Adjustable positioning belt with rings for work positioning on poles, towers...
- Double regulation harness and leg adjustment for a better fit.

### Uses and functions

in activities requiring suspension work with risk of falling from height and the need to position oneself for work in activities related to construction, facade maintenance, towers, poles and scaffolding, industry, refineries, power plants, assemblies, rescues and emergencies...

CE EN361 Fall arrest harnesses

EN358 Belts and components for holding and holding

EN813 Seat harnesses



Tool holders →





## 1888-AC PLUS Harness mod. "STEELTEC PRO"

**STEELTEC PRO** harness with dorsal and sternal coupling with positioning belt and extension

### Features

Adjustable harness with dorsal and sternal coupling and adjustable positioning belt with lateral support rings according to EN358, with dorsal extension.

- Great ergonomics, comfort and versatility harness.
- Dorsal and sternal ring in accordance with EN361.
- Padded back and legs.
- Dorsal ring with extension.
- Automatic buckles on leg loops.
- Seams more resistant to ultraviolet (UV) rays.
- Adjustable positioning belt with rings for positioning work on poles, towers, etc.
- Double regulation on chest and legs for better adaptation.
- Double body dorsal ring for greater safety.

### Uses and functions

in activities with risk of falling height and need to position themselves to work in activities related to construction, maintenance of facades, towers, poles and scaffolding, industry, refineries, power plants, assemblies...

EN361 Fall arrest harnesses

EN358 Belts and components for holding and holding



## 1888-AC Harness mod. "STEELTEC-1"

Harness **STEELTEC-1** with dorsal and sternal hook and adjustable positioning belt

- Features**
- Adjustable harness with dorsal and sternal hook and adjustable positioning belt with side clamping rings consistent with EN358
  - Harness with great versatility.
  - Front hook (sternal)
  - Adjustable positioning belt with rings for work positioning on poles, towers...
  - Double regulation on chest and legs for a better fit.
  - Double body dorsal ring for improved safety.

**Uses and functions** in activities with high risk of falling and the need to position themselves for work in activities related to construction, maintenance of facades, towers, poles, scaffolding, industry, refineries, power plants, assemblies...

CE **EN361** Fall arrest harnesses  
**EN358** Belts and components for holding and holding





## 1888-ABF PLUS Harness mod. "STEELSAFE-3 PLUS"

Harness **STEELSAFE-3 PLUS**

### Features

Adjustable harness with dorsal coupling, 2 front D-rings, automatic extension and buckle closures.

- Very versatile and lightweight harness, specially designed for industrial maintenance (climbing towers ... etc.).
- Dorsal extension.
- Chest strap with regulation, two D rings in steel and automatic buckle closure.
- Automatic buckle closures on leg loops.
- Double regulation on chest and legs for better adaptation.
- Double body dorsal ring for greater safety.
- Subgluteal band.

### Uses and functions

en actividades con riesgo de caída en altura en construcción, mantenimiento de fachadas y cubiertas, industria, montajes...

CE EN361 Fall arrest harnesses



Automatic buckling



## 1888-AB Harness mod. "STEELSAFE-1"

**STEELSAFE-1** harness with dorsal attachment

- Features**
- Basic harness with dorsal hook ring and regulation.
  - Very versatile and lightweight harness.
  - Double regulation on chest and legs for a better fit.
  - Double body dorsal ring for improved safety.
- Uses and functions**
- In activities with risk of falling height in construction, maintenance of facades and roofs, industry, assemblies...

CE EN361 Fall arrest harnesses



## 1888-ABF Harness mod. "STEELSAFE-2"

**STEELSAFE-2** harness with dorsal and front coupling

- Features**
- Adjustable harness with dorsal and front hook.
  - Very versatile and light harness.
  - Front coupling (sternal) with coating.
  - Double regulation on chest and legs for better adaptation.
  - Double body dorsal ring for greater safety.
- Uses and functions**
- in activities with risk of falling height in construction, maintenance of facades and roofs, industry, assemblies...

CE EN361 Fall arrest harnesses





# 1888-ABF2

## Harness mod. "STEELSAFE-2 PRO"

Harness **STEELSAFE-2 PRO**

### Features

Adjustable harness with dorsal coupling, 2 front D-rings and extension.

- Very versatile and lightweight harness, specially designed for industrial maintenance (climbing towers, etc.).
- Dorsal extension.
- Pectoral tape with regulation and two D rings in steel.
- Double regulation on chest and legs for better adaptation.
- Double body dorsal ring for greater safety.

### Uses and functions

in activities with risk of falling height in construction, maintenance of facades and roofs, industry, assemblies...

CE EN361 Fall arrest harnesses





## 1888-AR Harness mod. "STEELRESC"

Harness **STEELRESC**

### Features

- Harness with dorsal coupling and rescue tape.
- Harness specially designed for work in confined spaces (wells, tunnels...), where a rescue operation may be necessary and the rescue of the worker is necessary (loss of conscience ... etc.).
- Extension tape with steel D-ring for rescue.
- Double regulation on chest and legs for better adaptation.
- Double body dorsal ring for greater safety.
- Subgluteal band.

### Uses and functions

in activities with risk of falling height and especially in confined spaces (wells, tunnels, maritime rescue, etc.).

CE EN361 Fall arrest harnesses  
EN1497 Life-saving harnesses





## 1888-CTS Harness mod. "APACHE TREE"

**APACHE TREE** built for suspension and positioning work

### Features

Seat harness with positioning belt. Ventral hitch and adjustable positioning belt with lateral support rings according to EN358.

- Very light and comfortable, specially designed for jobs that require support for positioning or work in suspension according to EN 813 (not indicated to be used for the purpose of stopping a fall).
- Padded belt and leg.
- Adjustable in leg loops.
- Adjustable positioning belt with rings for positioning work on poles, towers...
- Anodized aluminum rings.

### Uses and functions

in activities with need to position themselves for work, hold or for jobs that require suspension in construction, cleaning, maintenance, towers, poles and scaffolding, industry, refineries, assemblies, pruning works... (are not indicated to stop a fall).

CE EN358 Belts and components for holding and holding  
EN813 Seat harnesses



## 1888-CP Belt mod. "DAKOTA"

**DAKOTA** work positioning belt

### Features

Safety belt in working position (positioning) and prevention (securing) for falls from height with two side rings.

- Very lightweight, with padded belt, specially designed for work requiring restraint for positioning (hands-free work) or jobs requiring prevention of the worker from reaching a point where a fall may occur (not indicated to be used for the purpose of detaining a fall).
- Adjustable.
- 2 side rings for attaching fastening components consistent with EN358 in positioning works on poles, towers...
- Seams that are more resistant to ultraviolet rays (UV).

### Uses and functions

in activities where there is a need to position oneself or prevent reaching a fall point in construction, cleaning, maintenance, towers, poles and scaffolding, industry, assembly... (they are not designed to stop a fall).

CE EN358 Belts and components for holding and holding



### 1888-ABF FR Harness mod. "STEELPRO FR"

Harness **STEELPRO FR**

#### Features

- Adjustable Fire Resistant harness with dorsal and front hitch.
- Harness for work with flame and welding environments (sparks).
  - Nomex (Aramid) ribbons and Kevlar seams.
  - Front coupling (sternal) with coating.
  - Double regulation on chest and legs for better adaptation.
  - Double body dorsal ring for greater safety.
  - Subgluteal band.

#### Uses and functions

in activities with risk of fall in height under construction, maintenance of facades and roofs, industry, assemblies... where welding works are carried out.

CE EN361 Fall arrest harnesses





## 1888-AC FR Harness mod. "STEELPRO FR"

**STEELPRO FR** harness with positioning belt

### Features

Adjustable Fire Resistant harness with dorsal and front hitch and adjustable positioning belt with lateral support rings according to EN358.

- Harness for work with flame and welding environments (sparks).
- Nomex (Aramid) ribbons and Kevlar seams.
- Adjustable positioning belt with rings for positioning work on poles, towers, etc.
- Front coupling (sternal) with coating.
- Double regulation on chest and legs for better adaptation.
- Double body dorsal ring for greater safety.
- Subgluteal band.

### Uses and functions

in activities with risk of falling height and need for position to work in activities related to construction, maintenance of facades, towers, poles and scaffolding, industry, refineries, power plants, assemblies... where welding work is carried out.

EN361 Fall arrest harnesses

EN358 Belts and components for holding and holding



## 1888-ABF D Harness mod. "STEELPRO D"

### Harness **STEELPRO D**

#### Features

- Adjustable Dielectric harness with dorsal and frontal coupling.
- Harness for work with electrical risk.
  - Adjustment buckles protected by insulating thermoplastic.
  - Electrically insulating dorsal ring.
  - Tapes and seams in special polyamide to add strength and durability.
  - Double regulation on chest and legs for better adaptation.
  - Subgluteal band.

#### Uses and functions

in activities with risk of fall in height under construction, maintenance of facades and roofs, industry, assemblies... where there is electrical.

CE EN361 Fall arrest harnesses





## 1888-AC D Harness mod. "STEELPRO D"

**STEELPRO D** harness with positioning belt

### Features

Adjustable Dielectric harness with dorsal and frontal coupling and Adjustable positioning belt with lateral support rings according to EN358.

- Harness with belt for work with electrical risk.
- Adjustable positioning belt with rings for positioning work on poles, towers, etc.
- Adjustment buckles protected by insulating thermoplastic.
- Electrically insulating belt and dorsal rings.
- Tapes and seams in special polyamide to add strength and durability.
- Double regulation on chest and legs for better adaptation.
- Subgluteal band.

### Uses and functions

in activities with risk of falling height and need for position to work in activities related to construction, maintenance of facades, towers, poles and scaffolding, industry, refineries, generating plants, assemblies... where there is electrical risk.

CE EN361 Fall arrest harnesses

EN358 Belts and components for holding and holding



## 1888-CU1.5YM

### 1.5 meter "Y" rope with carabiners

#### Features

- 12mmØ "Y" string with carabiner steel thread and two hook type carabiners.
- Mooring element of fixed length (1.5 meters) in "Y", which always allows to be subject to the anchor point when going from one anchor point to another.
- Steel carabiner with 15mm screw closure opening (to attach to the harness) 2 hooks steel type 55mm opening (for anchor points)
- Thimbles to reduce friction between carabiners and rope, and facilitate use with carabiners.

#### Uses and functions

as a mooring element (retention), preventing reaching the points where a free fall can occur, in activities where it is necessary to be frequently moving from one anchorage point to another.

CE EN354 Mooring elements



## 1888-CURM

### Adjustable rope with carabiners

#### Features

- 14mm Ø rope adjustable from 1 to 2 meters in length with carabiners.
- Mooring and positioning element of variable length (from 1 to 2 meters).
- Steel carabiner with 15mm screw closure opening.
- Quick opening 20mm steel automatic carabiner opening.

#### Uses and functions

as an element of mooring positioning (retention and restraint), preventing reaching the points where a freefall can occur.

CE EN354 Mooring elements  
EN358 E. Clamping mooring (positioning)



## 1888-CU1.5M

### 1.5 meter rope with carabiners

#### Features

- Rope of 12mmØ co carabiner steel thread and carabiner type hook.
- Mooring element fixed length (1.5 meters).
- Steel carabiner with 15mm threaded closure opening (to attach to the harness) 55mm hook-type steel carabiner opening (for anchoring point)
- Thimbles to reduce friction between the carabiners and the rope, and facilitate use with carabiners.

#### Uses and functions

as a mooring element (retention and restraint), preventing reaching the points where a free fall can occur.

CE EN354 Mooring elements



## 1888-CUR

### Adjustable rope

#### Features

- Adjustable 14mm Ø rope from 1 to 2 meters in length (without carabiners).
- Mooring and positioning element of variable length (from 1 to 2 meters).
- To adapt EN362 carabiners.

#### Uses and functions

as a mooring positioning element (retaining restraint), preventing reaching the points where a free fall can occur.

CE EN354 Mooring elements  
EN358 E. Clamping mooring (positioning)





## 1888-CU1.5Y

1.5 meters rope in "Y" shape

### Features

- 12mmØ "Y" rope with three lateral gauzes with thimbles.
- Fixed-length mooring element (1.5 meters) in "Y", which always allows to be attached to the anchor point when going from one anchor point to another.
- Thimbles to reduce friction between carabiners and rope, and facilitate use with carabiners.

### Uses and functions

as a mooring element (retention), preventing reaching the points where a free fall can occur, in activities where you must be frequently moving from one anchor point to another.

EN354 Mooring elements



## 1888-CURM PRO

Adjustable rope with regulator and carabiners

### Features

- 12mm Ø semi-static rope adjustable from 1 to 2 meters length with carabiners.
- Mooring and positioning element of variable length (from 1 to 2 meters).
- Regulating device in aluminum.
- Carabiner of steel of closing of thread of 15mm opening
- Carabiner of steel automatic of fast opening of 20mm opening.
- Protective tape. Delays rope wear in contact area in positioning.

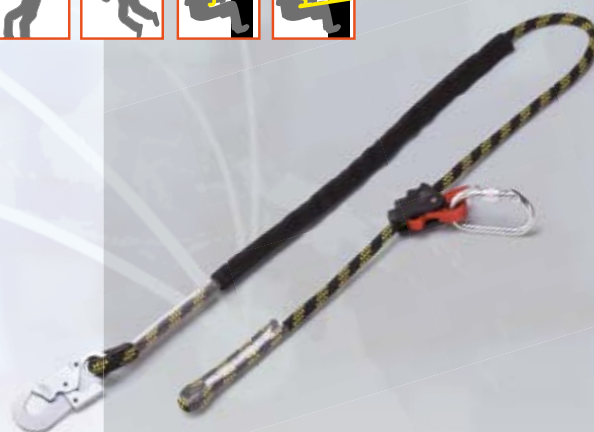
### Uses and functions

como elemento de amarre y posicionamiento (retención y sujeción), impidiendo alcanzar los puntos donde se pueda producir una caída libre.

EN354 Mooring elements

EN358 Mooring clamping elements (positioning).

EN353-2 Sliding fall arrest devices on flexible anchor line.



## 1888-CU1

1 meter rope

### Features

- Rope of 12mmØ with two lateral gags with thimbles.
- Fixed length mooring element (1 meter).
- Thimbles to reduce friction between carabiners and rope, and facilitate use with carabiners.

### Uses and functions

as a mooring and positioning element (retention and restraint), preventing reaching the points where a free fall can occur.

EN354 Mooring elements  
EN358 Positioning elements



## 1888-CU1.5

1.5 meter rope

### Features

- Rope of 12mmØ with two lateral loops with thimbles
- Fixed length mooring element (1.5 meters).
- Thimbles to reduce friction between carabiners and rope, and facilitate use with carabiners.

### Uses and functions

as a mooring and positioning element (retention and restraint), preventing reaching the points where a free fall can occur.

EN354 Mooring elements  
EN358 Positioning elements





## 1888-AEGY

Elastic tape in "Y" **STEEL FLEX** with absorber and carabiners

### Features

- Elastic tape in "Y" of 1.50 meters with ERGO energy absorber
- "Y" mooring element with absorber, which always allows to be fastened to the anchor point when going from one anchor point to another.
- The elastic band prevents tripping, saves space... due to the shorter length of the tape at rest, increasing user comfort.
- ERGO SHOCK energy absorber, energy dissipater in case of falls in height. Automatic steel carabiners quick opening and 2 lightweight aluminum hooks. Total length of 1.50 meters (including carabiners).
- Extended length: 1.80 meters Automatic steel carabiner with a quick opening of 20mm opening (to attach to the harness).
- 2 lightweight aluminum carabiners with a quick opening opening of 60mm (to attach to the anchor point).

### Uses and functions

as a fall arrest element, preventing reaching the points where a free fall may occur or as an anti-fall element in the event that it occurs finally, in activities that require frequent passing from one anchor point to another (Distance minimum to the ground of 6 meters).

EN354 Mooring elements  
EN355 Energy Absorbers





## 1888-AE

### Elastic Tape **STEEL FLEX** with absorber and carabiners

#### Features

Elastic tape of 1.50 meters with energy absorber ERGO SHOCK, with 2 quick-opening automatic steel carabiners.

- The elastic band allows you to avoid obstacles, save space, etc. due to the shorter length of the band at rest, increasing user comfort.
- ERGO SHOCK energy absorber, energy dissipator in case of falls in height.
- Total length of 1.50 meters (including carabiners). Extended length: 1.80 meters.
- Two automatic steel carabiners with a quick opening of 20mm opening (to attach to the harness and to the anchor point).

#### Uses and functions

as an anchorage element, preventing reaching the points where a free fall can occur or as an anti-fall element in the event that it occurs finally. (Minimum distance to the ground of 6 meters).

CE EN354 Mooring elements  
EN355 Energy Absorbers



## 1888-AEG

### STEEL FLEX elastic band with absorber and carabiners

#### Features

Elastic "Y" band of 1.50 meters with ERGO SHOCK energy absorber, automatic quick release steel carabiners and light hook type aluminum carabiner.

- The elastic band allows you to avoid obstacles, save space, etc. due to the shorter length of the band at rest, increasing user comfort.
- ERGO SHOCK energy absorber, energy dissipation in case of falls at height.
- Total length of 1.50 meters (including carabiners). Extended length: 1.80 meters.
- Automatic quick release steel carabiner with 20mm opening (for attaching to a harness).
- Light hook type quick release aluminum carabiner with 60mm opening (to attach to the anchor point).

#### Uses and functions

as a lanyard anti-fall element, preventing you from reaching points where a free fall could occur or as an anti-fall element if this should end up happening. (Minimum distance to the ground: 6 meters).

CE EN354 Mooring elements  
EN355 Energy Absorbers





## 1888-ACI

Tape with **ERGO SHOCK** absorber and carabiners

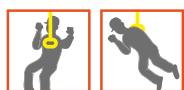
### Features

- Tape of 1.80 meters with energy absorber and two steel carabiners.
- ERGO SHOCK energy absorber, energy dissipator in case of falls in height.
- Total length of 1.80 meters (including carabiners).
- Two steel carabiners 15mm opening closure (to attach to the harness and anchor point).

### Uses and functions

as a fall arrest element, preventing reaching the points where a free fall can occur or as an anti-fall element in the event that it occurs finally. (Minimum distance to the ground of 6 meters).

CE **EN354** Mooring elements  
**EN355** Energy Absorbers



## 1888-A

**ERGO SHOCK** absorber

### Features

- Energy absorber featuring two lateral loops.
- ERGO SHOCK energy absorber, energy dissipation in case of falls at height.
- Overall length: 30 cm. (1.75 mt. deployed).

### Uses and functions

as a lanyard anti-fall element, preventing you from reaching points where a free fall could occur or as an anti-fall element if this should end up happening. (Minimum distance to the ground: 6 meters).

CE **EN355** Energy Absorbers





## 1888-ACG

Tape with **ERGO SHOCK** absorber and carabiners

### Features

Tape of 1.80 meters with energy absorber steel carabiner thread and hook type steel carabiner.

- ERGO SHOCK energy absorber, energy dissipater in case of falls in height.
- Total length of 1.80 meters (including carabiners).
- Steel carabiner 15mm screw closure opening (to attach to the harness).
- 55mm hook type steel carabiner opening (for anchor point).

### Uses and functions

as a fall arrest element, preventing reaching the points where a free fall can occur or as an anti-fall element in the event that it occurs finally. (Minimum distance to the ground of 6 meters).

CE EN354 Mooring elements  
EN355 Energy Absorbers



## 1888-ACGY

"Y" tape with **ERGO SHOCK** absorber and carabiners

### Features

1.80 meters "Y" tape with energy absorber, steel screw carabiner and 2 hook-type steel carabiners

- "Y" mooring element with absorber, which always allows to be attached to the anchor point when going from one anchor point to another.
- ERGO SHOCK energy absorber, energy dissipater in case of falls in height.
- Total length of 1.80 meters (including carabiners)
- Steel carabiner 15mm screw closure opening (to attach to the harness).
- Two steel carabiners hook type 55mm opening (for anchor points).

### Uses and functions

as a fall arrest element, preventing reaching the points where a free fall can occur or as an anti-fall element in the event that it occurs finally, in activities that require frequent passing from one anchor point to another (Distance minimum to the ground of 6 meters).

CE EN354 Mooring elements  
EN355 Energy Absorbers



## 1888-ACG FR

FR Band with ERGO SHOCK absorber and carabiners

### Features

Band of 1.80 meters with energy absorber, steel screw-on carabiner and steel hook-type carabiner.

- ERGO SHOCK energy absorber, energy dissipation in case of falls at height.
- Total length of 1.80 meters (including carabiners).
- Steel carabiner with 15 mm opening (for attaching to harness).
- Hook type carabiner with 15 mm opening (for attaching to anchor point).

### Uses and functions

as a lanyard anti-fall element, preventing you from reaching points where they can produce a free fall or as an anti-fall element if this should end up happening (Minimum ground clearance of 6 meters).

CE EN354 Mooring elements  
EN355 Energy Absorbers





## 1888-ACGY FR

"Y" FR tape with ERGO SHOCK absorber and carabiners

### Features

- 1.80 meter "Y" tape with energy absorber, steel screw carabiner and 2 hook-type steel carabiners.
- Nomex (Aramid) ribbons and Kevlar seams.
- "Y" mooring element with absorber, which always allows to be fastened to the anchor point when going from one anchor point to another.
- ERGO SHOCK energy absorber, energy dissipator in case of falls in height, covered with Aramid.
- Total length of 1.80 meters (including carabiners).
- Steel carabiner 15mm screw closure opening (to attach to the harness).
- Two steel carabiners hook type 55mm opening (for anchor points).

### Uses and functions

as a lanyard anti-fall element, preventing you from reaching points where they can produce a free fall or as an anti-fall element if this should end up happening (Minimum ground clearance of 6 meters).

CE EN354 Mooring elements  
EN355 Energy Absorbers



## SAFETY CARABINERS / Height Protection

### 1888-MAR Carabiner mod. "AZOR"

#### AZOR steel screw carabiner

##### Features

- Manual connector with screw locking mechanism.
- Galvanized steel structure with zinc coating.
  - Weight: 150 gr.
  - Opening: 15mm.
  - Static resistance: 22kN.
  - Individual presentation.

##### Uses and functions

as an anti-fall element in permanent or long-term connections.

CE EN362 Connectors



### 1888-MALR Carabiner mod. "AZOR ALU"

#### AZOR aluminum screw carabiner

##### Features

- Manual connector with screw locking mechanism.
- Anodized aluminum structure.
  - Weight: 60 gr.
  - Opening: 21mm
  - Static resistance: 22kN.
  - Individual presentation.

##### Uses and functions

as an anti-fall element in permanent or long-term connections

CE EN362 Connectors



### 1888-MAA Carabiner mod. "CÓNDOR"

#### Automatic steel carabiner

##### Features

- Automatic connector (1/4 turn).
- Material: Galvanized steel.
  - Weight: 200grs.
  - Opening: 22mm.
  - Static resistance: 24kN.
  - Individual presentation.

##### Uses and functions

as an anti-fall element in permanent or long-term connections

CE EN362 Connectors



### 1888-MALA Carabiner mod. "CÓNDOR ALU"

#### Automatic aluminium carabiner

##### Features

- Automatic connector (1/4 turn).
- Material: Aluminum.
  - Weight: 80grs.
  - Opening: 22mm.
  - Static resistance: 22kN.
  - Individual presentation.

##### Uses and functions

as an anti-fall element in permanent or long-term connections.

CE EN362 Connectors





## 1888-MSA Carabiner mod. "ÁNADE"

**ÁNADE** automatic quick release carabiner

### Features

Automatic locking connector for frequent connections.

- Anodized aluminum structure.
- Weight: 200 gr.
- Opening: 20 mm.
- Static resistance: 25kN.
- Individual presentation.

### Uses and functions

como elemento anticaídas en conexiones repetidas y frecuentes.

CE EN362 Connectors



## 1888-MGA Carabiner mod. "HALCÓN"

**HALCON** Automatic quick-release carabiner (55mm)

### Features

Automatic hook type locking connector for frequent connections.

- Galvanized steel structure and zinc coating.
- Weight: 450 gr.
- Opening: 55mm.
- Static resistance: 25kN.
- Individual presentation.

### Uses and functions

as an anti-fall element in repeated or frequent connections in piping, beams, etc.

CE EN362 Connectors



## 1888-MGAL Carabiner mod. "HALCÓN ALU"

**HALCON ALU** automatic quick release carabiner (60mm)

### Features

Automatic hook type locking connector for frequent connections.

- Anodized aluminum structure.
- Weight: 500 gr.
- Opening: 60 mm
- Static resistance: 25kN.
- Individual presentation.

### Uses and functions

as an anti-fall element in repeated or frequent connections in piping, beams, etc.

CE EN362 Connectors



## 1888-MGALG Carabiner mod. "CORMORÁN"

**CORMORÁN** Fast and large opening automatic carabiner (110mm)

### Features

Wide opening hook type automatic closing connector for frequent connections.

- Anodized aluminum structure.
- Weight: 900 grs.
- Opening: 110mm.
- Static resistance: 25kN.
- Individual presentation.

### Uses and functions

as an anti-fall element in repeated connections and in pipes, beams... of special thickness.

CE EN362 Connectors



## 1888-DAR2,5/ DAR2,5C Device mod. "SIOUX"

### Mini-block retractable lifeline

#### Features

Retractable anti-fall device with 2.5 metre band and energy absorber.

- The device has a blocking, tension and recoil system to which the worker stays attached if the device detects a fall during work, and automatically recoils once it remains loose.
- The casing model (1888-DAR2.5/C), protects the mechanism against blows and the worker in the event of collision with the mechanism.
- Maximum overall length of 2.5 meters.
- To adapt to connectors that comply with EN362 (not included).

#### Uses and functions

as a retractable anti-fall element, preventing the blocking of the band, detecting a fall if this winds up happening. (Distance of 2 meters).

CE EN360 Retractable fall arrest devices  
EN355 Energy Absorbers



## 1888-B10

### 10 metre cable retractable fall arrest device

#### Features

Very light and compact. Casing made of ABS, very light but high impact resistance.

Steel carabiner and anti-twist carabiner (prevents twisting and breaking of the cable), with fall indicator.

Device weight: 5 kg.

Maximum user weight: 140 kg.

Includes rope to lower carabiner to the harness once placed in height the device.

#### Uses and functions

in activities with risk of fall in height, and in particular jobs that require freedom of movements for the user, in activities related to construction, maintenance of facades, towers, industry, refineries, generating plants, assemblies, works on platforms and tankers, etc.

CE EN360:02 Retractable fall arrest devices.



## 1888-B15

### 15 meter cable retractable fall arrest device

#### Features

Weight device: 7 kg.

Maximum user weight: 140 kg.

CE EN360:02 Retractable anti-fog devices.





## 1888-B5C

### Retractable 5-meter Ribbon Device

- Features** Very light and compact. Carter made of ABS, very light but high impact resistance. Steel carabiner and anti-twist carabiner (prevents twisting and breaking of the tape), with fall indicator.  
Weight device: 2 kg.  
Maximum user weight: 140 kg.  
Includes rope to lower carabiner to the harness once placed in height the device.
- Uses and functions** in activities with risk of fall in height, and in particular jobs that require freedom of movement for the user, in activities related to construction, maintenance of facades, towers, industry, refineries, power plants, assemblies, works on platforms and tankers, etc.

CE B360:02 Retractable anti-fog devices.



## 1888-B10C

### 10 meter Ribbed Retractable Device With Ribbon

- Features** Very light and compact. Carter made of ABS, very light but high impact resistance. Steel carabiner and anti-twist carabiner (prevents twisting and breaking of the tape), with fall indicator.  
Device weight: 4.85 kg.  
Maximum user weight: 140 kg.  
Includes rope to lower carabiner to the harness once placed in height the device.
- Uses and functions** in activities with risk of fall in height, and in particular jobs that require freedom of movement for the user, in activities related to construction, maintenance of facades, towers, industry, refineries, power plants, assemblies, works on platforms and tankers, etc.

CE B360:02 Retractable anti-fog devices.



## VERTICAL LIFE LINES

### 1888-C

#### Lifelines cables

- Features**
- Vertical lifeline strings of 12mmØ, in different lengths (from 10 to 50) meters), with steel screw carabiner and thimbles.
- Semistatic.
  - Polyester braided rope to be used with WIND device. Ref. 1888-DFA
  - Minimum resistance 22 KN.
  - Available lengths:
    - 1888-C10 (10 meters)
    - 1888-C20 (20 meters)
    - 1888-C30 (30 meters)
    - 1888-C50 (50 meters)

**Uses and functions**

in jobs with vertical displacements with risk of falling, holding by the WIND anti-fall device to the user at each point of the rope. Important note. Life line cords are not considered an epi in themselves and must always be used with sliding fall arrest devices according to EN353-2. Therefore, never use the harness directly, but using the sliding fall arrester (WIND).

CE EN353-2 Sliding fall arrest devices on flexible anchor line  
EN354 Mooring elements



### 1888-DFA

#### Sliding and positioning antennas WIND device

- Features**
- Sliding fall arrest device for rope made of aluminum, with steel screw carabiner and absorber.
- Very light, made of anodized aluminum (Weight: 180grs.).
  - For 12mm semi-static strings.
  - To be used as a lifeline device in lifeline ropes (1888- C10, 1888-C20...), and for positioning ropes according to EN358 (without the absorber).
  - It can be adapted to any part of the rope, without having to go to the end, since it has an easy opening mechanism.

**Uses and functions**

as a fall arrest element in flexible anchoring lines (line ropes) of semi-static life of 1888-C, of 12mmØ) and as a mooring component for holding and positioning preventing reaching the drop point or simply to position with a belt, leaving the user's hands free.

CE EN353-2 Sliding fall arrest devices on flexible anchor line  
EN358 Clamping lashing components



### 1888-CAN73XXV

#### Ringed tape (XX: several lengths)

- Features**
- Anchoring device with anchor points every 1.5 meters. It allows the creation of a vertical anchor point every 1.5 meters, allowing a worker an always close anchor point.
- 1888-CAN7310V Length 10 meters (single-family roofs...).
  - 1888-CAN7315V Length 15 meters (single-family roof-up to 3 floors).
  - 1888-CAN7325V Length 25 meters (single-family roofs-up to 7 floors).
  - 1888-CAN7335V Length 35 meters (single-family roof-up to 10 floors).

**Uses and functions**

in activities with risk of fall in height in facades, installing scaffolding, motorized platforms, stairwells or elevator, etc.

CE Directive 89/686/CEE  
EN362 Connectors  
EN795 Anchoring devices





# HORIZONTAL LIFE LINES

## 1888-LVH20

### Horizontal Lifeline (provisional transportable anchoring device)

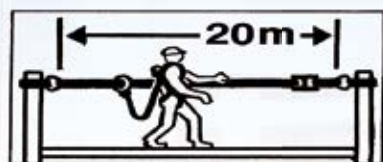
#### Features

- Horizontal Lifeline, adjustable from 2 (min.) to 20 meters (max.) with carabiners.
- Allows the creation of a horizontal lifeline between two anchor points.
- It adjusts to the precise distance, with the use of its tensioner.
- 35mm polyester tape, width, and carabiners.
- Bag carrying equipment, allows transporting the equipment from one site to another, pick up the excess tape once installed, and also for storage.
- Certified for two users.

#### Uses and functions

in activities with risk of fall in height (roofs, work under construction...), allowing the temporary creation of a horizontal anchor point.

CE EN795 A Anchoring Device (A: provisional transportable).



# ANCHOR POINTS

## 1888-CA

### Provisional transportable anchoring device (anchoring tape)

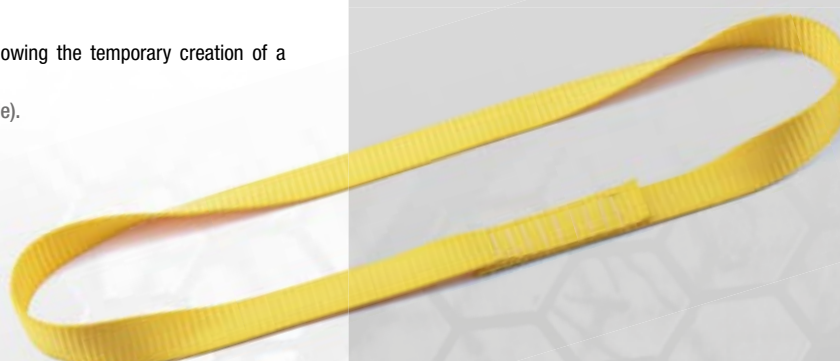
#### Features

- 30mm polyamide tape, wide, for the creation of an anchor point.
- It allows the creation of an anchor point in beams, posts, etc.
- 3 lengths:
  - 60 centimeters (1888-CA0.6).
  - 100 centimeters (1888-CA1).
  - 200 centimeters (1888-CA2).

#### Uses and functions

in activities with risk of fall in height allowing the temporary creation of a horizontal anchor point.

CE EN795 A Anchoring Device (A: provisional transportable).



## ANCHORING AND FIXING PLATES

Anchoring plates for fall arrest systems and structural anchors for lifelines, to be fixed to the wall (concrete...). Through Mechanical Expansive Fixings (Zinc or Stainless Steel), 12 or 16 mm. The Fixation must support once installed a static force of 12 kN.

CE EN795 A Anchoring Device (A: transportable provisional).

### 1888-COL12

Anchoring device for stainless steel harness

Fixation: Diameter 12. Weight: 0.06 kg.



### 1888-COL16

Anchoring device for harness or life line in 304 stainless steel

Fixation: Diameter 16. Weight: 0.25 kg.



### 1888-COLGS12

Anchoring device for harness folded at 45° in 304 stainless steel

Ideal for its large eyelet, for installations of fall arrest systems by pole and large opening carabiners. Fixation: Diameter 12. Weight: 0.26 kg.

### 1888-COLGS16

Anchoring device for harness or life line in 304 stainless steel

Ideal for its large eyelet, for installations of fall arrest systems by pole and large opening carabiners. Alternative to 1888-COLGS12 for low quality concretes. Fixation: Diameter 16. Weight: 0.26 kg.



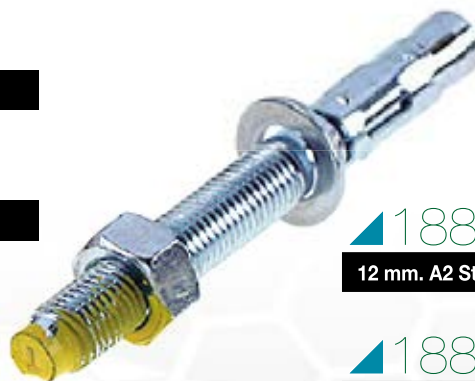
Mechanical Expansive Fixings for fastening the anchoring plates: Zinc-coated: For anchors that will not be permanent (less than 2 years). 304 Stainless Steel (A2). For permanent anchors.

### 1888-FME C 12

12 mm. Zinc-coated Mechanical Fixation

### 1888-FME C 16

16 mm Zinc-coated Expansive Mechanical Fixation



### 1888-FME A2 12

12 mm. A2 Stainless Steel Expansive Mechanical Fixation

### 1888-FME A2 16

16 mm. A2 Stainless Steel Expansive Mechanical Fixation



# HEIGHT PROTECTION KITS

## 1888-KIT/E

### ECONOMIC ANTI-FALL KIT

#### Features

- EKO STEEL fall arrest kit, composed of a harness with dorsal coupling , belt 1 meter and 1 carabiner, with equipment bag.
- Economic kit.
- Harness with dorsal ring.
- Tape of 1 m. in length, sewn directly to the harness by 9 security seams.
- Steel carabiner with screw closure (15mm opening).
- Includes nylon transport bag.

#### Uses and functions

in activities with risk of fall in height (retention) in construction, tasks of maintenance, industry, assemblies, installations...

- CE **EN361** Fall arrest harnesses.  
**EN354** Mooring elements.  
**EN362** Connectors.



## 1888-KIT1

### 1888-AB + 1888-CU1.5 + (2) 1888-MAR

Harness STEELSAFE-1 with dorsal coupling (1888-AB), rope of 1.5 meters (1888-CU1.5), 2 carabiners steel thread AZOR (1888-MAR).



## HEIGHT KITS / Height Protection



### 1888-KIT2 1888-AB + 1888-ACI

Harness STELSAFE-1 with dorsal coupling (1888-AB), belt with ERGO SHOCK absorber and carabiners (1888-ACI).



### 1888-KIT3 1888-AB + 1888-CUR + (2) 1888-MAR

STELSAFE-1 harness with dorsal coupling (1888-AB), rope of 14mmØ adjustable from 1 to 2 meters in length, (1888-CUR).



### 1888-KIT4 1888-CP + 1888-CUR + (2) 1888-MAR

DAKOTA belt for positioning work (1888-CP), 14mm diameter rope adjustable from 1 to 2 meters in length, (1888-CUR), 2 carabiners steel thread AZOR (1888-MAR).







### 1888-KIT5 1888-ABF + 1888-CURM

STELSAFE-2 harness with dorsal and frontal coupling (1888-ABF), adjustable rope with carabiners (1888-CURM).



### 1888-KIT6 1888-ABF + 1888-ACG

Harness STELSAFE-2 with dorsal and frontal hook (1888-ABF), belt with ERGO SHOCK absorber and carabiners (1888-ACG).



### 1888-KIT7 1888-ABF + 1888-DFA + 1888-C30

Harness STELSAFE-2 with frontal and dorsal hitch (1888-ABF), WIND device with fall arrester with absorber and two carabiners (network 1888-DFA) and lifeline rope of 30 meters (ref 1888-C30).



## HEIGHT KITS / Height Protection

### 1888-KIT8 1888-AC + 1888-CURM + 1888-CU1,5M

STEELTEC-1 harness with dorsal and front hitch with positioning belt (1888-AC), adjustable rope with carabiners (1888-CURM), 1.5 meter rope (1888-CU1,5M).

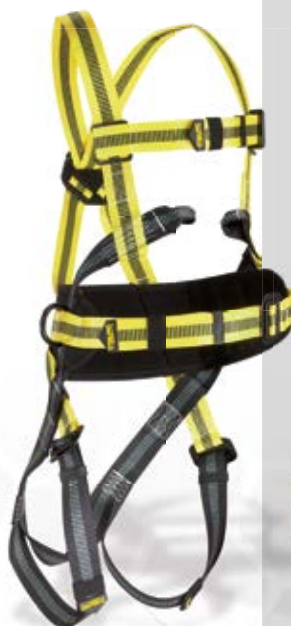


### 1888-KIT9 1888-AC + 1888-CURM + 1888-ACI

STEELTEC-1 harness with dorsal and front hitch with positioning belt (1888-AC), adjustable rope with carabiners (1888-CURM), belt with ERGO SHOCK absorber and carabiners (1888-ACI).

### 1888-KIT10 1888-AC + 1888-CURM + 1888-ACGY

STEELTEC-1 harness with dorsal and frontal hook with positioning belt (1888-AC), adjustable rope with carabiners (1888-CURM), "Y" belt with ERGO SHOCK absorber and carabiners (1888-ACGY).







### 1888-KIT11 1888-AC PLUS + 1888-CURM + 1888-AEG

STEELTEC PRO harness with dorsal and sternal coupling with positioning belt and extension (1888-AC PLUS), adjustable rope with carabiners (1888-CURM), Elastic tape STEEL FLEX with absorber and carabiners (1888-AEG).

### 1888-KIT12 1888-AC PLUS + 1888-CURM + 1888-AEGY

STEELTEC PRO harness with dorsal and sternal coupling with positioning belt and extension (1888-AC PLUS), adjustable rope with carabiners (1888-CURM), Elastic band in "Y" STEEL FLEX with absorber and carabiners (1888-AEGY).



### 1888-WBGS

BAG Nylon

Measurements: 35cm high and ø 25cm Bag for small kits, harnesses, etc.



### 1888-BAG

BACKPACK Oxford fabric

Backpack for the transport and storage of harnesses, ropes, carabiners, kits, etc. Measurements: 35cm high and ø 25cm.



# HEARING PROTECTION







Effective protection against ambient noise for workers in industrial zones, offering a high standard of protection, efficiency and comfort.

**STEELPRO**  
— SAFETY —<sup>®</sup>

09

European standards of reference

**EN352-1 Earmuffs**

**EN352-2 Plugs**

**EN352-3 Earmuffs attached to helmet**

**EN352-4 Earmuffs depending on level**

All hearing protectors belong to **category II** of PPE classification.

### **Evaluation of Noise Exposure**

A worker's daily exposure to noise equivalent, equivalent daily level, expressed in dB(A), as calculated and referring to 8 hours daily. In workplaces where the daily equivalent level exceeds 80 dB(A), the employer must provide hearing protectors to exposed workers. In workplaces where the daily equivalent level and the peak level exceeds 85 dB(A), all workers must use hearing protectors, the mandatory use of which is stated under R.D. 1316/89.

### **Rating of sound attenuation**

The rating methods are contained in the ISO 4869 standard: The Octave Band method specifies eight values of attenuation in decibels in eight different frequencies: 63 125 250 1000 2000 4000 6000 8000. Protection assumed values (APVf) are minimum attenuation values of each frequency in question. These values are obtained by subtracting, for each reference considered, the average attenuation of the protector in High (H) and Low (L) frequencies.

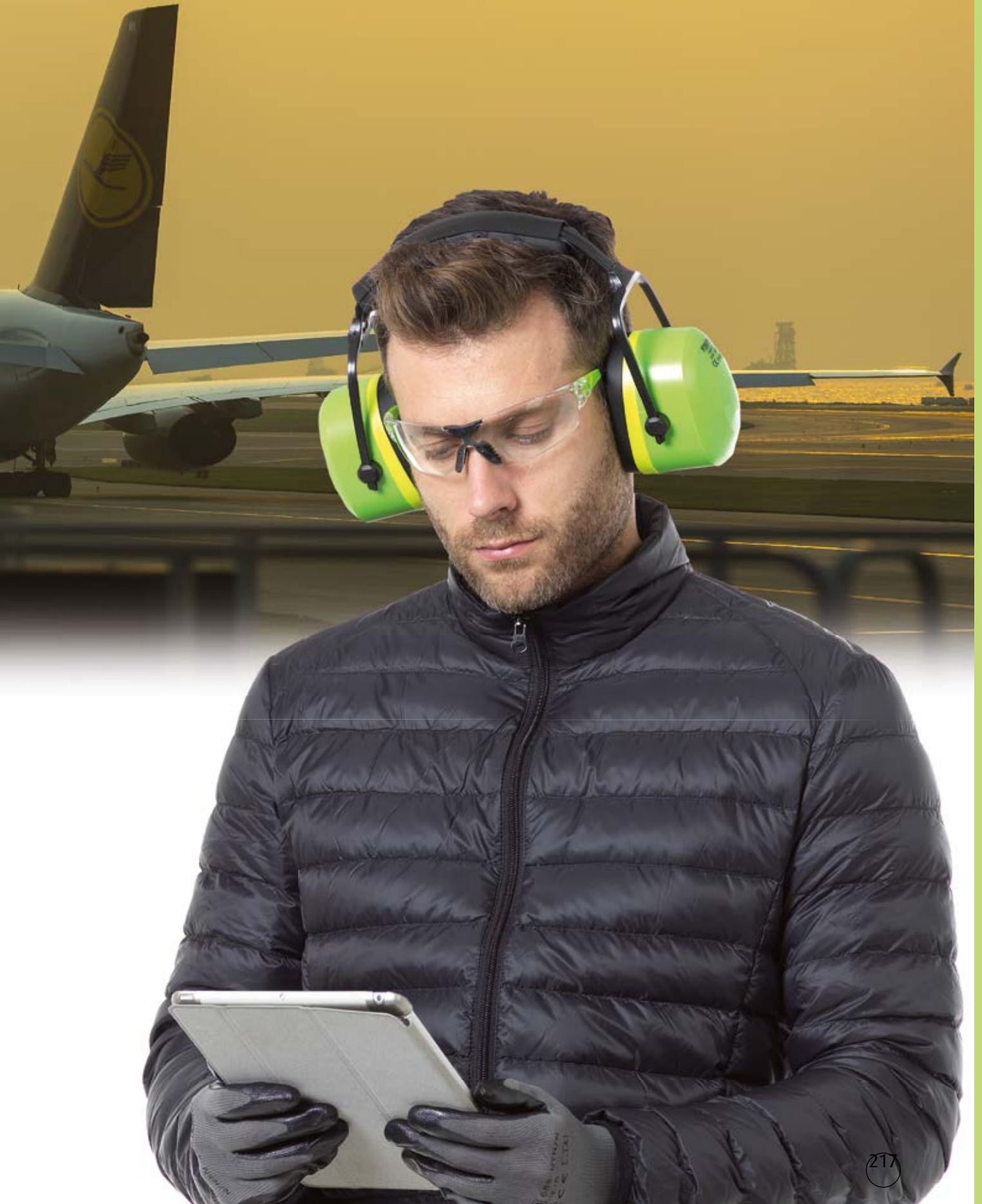
### **Selection and use**

Avoid over protection: avoid choosing protectors that provide too much noise attenuation because they can lead to problems of communication or be less comfortable, meaning the time the user wears them will be reduced.

**Confort:** the most effective protector is one that is used continuously. Therefore they should be as comfortable as possible. Thus the user is encouraged to wear them throughout their exposure to noise, a determining factor for real protection. The protector should be chosen by the user.

**Protector type:** plugs are preferred in high temperature environments and those with large accumulation of dust, whereas in situations of repeated exposure to short-term noise it is preferable to use ear muffs or plugs with harnesses as their placement and removal is faster.





# SELECTION GUIDE / Hearing protection

REFERENCE	NOISE LEVEL			OTHER SELECTION CRITERIA						PAGE NUMBER
	MODERATE	HIGH	VERY HIGH	DISPOSABLE	REUSABLE	CORDLESS	WITH CORD	FOOD PREP	METALFREE	
 <b>1988-TD</b>			●	●		●			●	220 pag.
 <b>1988-TDC</b>			●	●			●		●	220 pag.
 <b>1988-TRC</b>		●			●		●		●	221 pag.
 <b>1988-TRCE</b>	●				●		●		●	221 pag.
 <b>1988-TDDC</b>			●	●			●	●		222 pag.
 <b>1988-TRDC</b>	●				●		●	●		222 pag.
 <b>1988-TB</b>	●			●					●	223 pag.



REFERENCE	NOISE LEVEL			OTHER SELECTION CRITERIA						PAGE NUMBER
	MODERATE	HIGH	VERY HIGH	DISPOSABLE	REUSABLE	CORDLESS	WITH CORD	FOOD PREP	METALFREE	
 1988-OE		●			●			●	●	224 pag.
 1988-OS		●			●			●	●	224 pag.
 1988-OSC		●			●				●	225 pag.
 1988-OP			●		●					224 pag.
 1988-OC	●				●					225 pag.
 1988-OCD		●			●					225 pag.
 1988-OJ			●		●			●	●	224 pag.

### 1988-TD Mod. "EAR MAX"

#### Disposable earplug

**Features** Disposable polyurethane foam ear plug, very high attenuation (34dB). Conical, very soft and comfortable hypoallergenic plugs that fit most ear canals. Dielectric hearing protector, without mechanical components (Metal-free). Auto-expandable and orange for better visualization. Dispenser of 200 pairs in individual bag.

**Uses and functions** in all kinds of activities with high noise level (heavy and metal industry, construction, automotive, workshops, chemical industry, airports...).

CE EN352-2 Hearing protection. Plugs.  
SNR= 34dB (H=33, M=31, L=28)



### 1988-TDC Mod. "EAR MAX"

#### Disposable earplug with cord

**Features** Disposable polyurethane foam ear plug with cord, very high attenuation (34dB). Conical, very soft and comfortable hypoallergenic plugs that fit most ear canals. Cord to prevent loss and facilitate use. Dielectric hearing protector, without mechanical components (Metal-free). Auto-expandable and orange for better visualization. Dispenser of 200 pairs in individual bag.

**Uses and functions** in all kinds of activities with high noise level (heavy and metal industry, construction, automotive, workshops, chemical industry, airports...).

CE EN352-2 Hearing protection. Plugs.  
SNR= 34dB (H=33, M=31, L=28)



## Re-usable / Hearing protection

### 1988-TRC Mod. "FIT EAR"

Re-usable silicone ear plug with cord

**Features** Re-usable earplug of hypoallergenic silicone, with medium attenuation (26dB). Washable plugs, very soft and very comfortable. Security cord to avoid losses and facilitate its use. Dielectric hearing protector, without mechanical components (Metal-free). Its structure allows no direct contact with the plugs (greater hygiene). Dispenser of 100 pairs in individual storage box with clip.

**Uses and functions** in all types of activities with moderate noise level (industry metal, construction, automotive, workshops, outdoor work, chemical industry ...).

EN352-2 Hearing protection. Plugs.  
SNR= 26 dB (H=26, M=23, L=23)



### 1988-TRCE Mod. "FIT BASIC"

Re-usable silicone ear plug with cord

**Features** Re-usable TPR thermoplastic hypoallergenic ear plug, medium attenuation (25dB). Washable, very soft and comfortable plugs. Security cord to prevent loss and facilitate use. Dielectric hearing protector, without mechanical components (Metalfree). Its structure allows no direct contact with the plugs (better hygiene). Dispense for 100 pairs in individual storage box with attachment clip.

**Uses and functions** in all kinds of activities with moderate noise level (metal industry, construction, automotive, workshops, chemical industry, outdoor work...).

EN352-2 Hearing protection. Plugs.  
SNR= 25dB (H=25, M=22, L=21)

## 1988-TDDC Mod. "EAR MAX TRACK"

Detectable disposable ear plug with cord

**Features** Detectable ear plug made of polyurethane foam, with very high attenuation (37dB). Hypoallergenic conical plugs, very soft and very comfortable, adapt to most ear canals. With a metal element inside, they help its easy location in case of loss. Auto expandable and blue color for greater visualization in the industry related to food processing. Dispenser of 200 pairs in individual bag.

**Uses and functions** in activities with high level of noise in the food industry (food processing, food chains, fruit, slaughterhouses, poultry, food maintenance...).

CE EN352-2 Hearing protection. Plugs.  
SNR= 37dB (H=36, M=35, L=34)



## 1988-TRDC Mod. "FIT TRACK"

Re-usable ear plug with detectable cord

**Features** TPR thermoplastic Re-usable earplug hypoallergenic, medium attenuation (25dB). Washable, soft and very comfortable plugs. Security cord to avoid losses and facilitate its use. With a metal element inside, they help its easy location in case of loss. Its structure allows no direct contact with the plugs (greater hygiene). Plug and cord of blue color for greater visualization in the industry related to the food processing. 100 pairs bag in individual storage box.

**Uses and functions** in activities with moderate noise levels in the food industry (food processing, food chains, fruit chains, slaughterhouses, poultry farming, food maintenance ...).

CE EN352-2 Hearing protection. Plugs.  
SNR= 25 dB (H=25, M=22, L=21)





## 1988-TB Mod. "BANDED"

### Ear plug with band

**Features** Polyurethane foam plug with band, low attenuation (20dB). Very soft and hypoallergenic tampons. Flexible band, very practical and comfortable. They can be placed behind the neck or under the chin to make it compatible with another type of epis. Hearing protector dielectric, without mechanical components (Metal-free). Interchangeable plugs in yellow (greater hygiene).

**Uses and functions** in all kinds of activities with low noise level (automotive industry, workshops, outdoor work ...).

CE EN352-2 Hearing protection. Plugs.  
SNR= 20dB (H=25, M=15, L=13)



## 1988-TBR

Replacement plugs (bags of 20 pairs)



## Earmuffs with headband



### 1988-OE Mod. "THUNDER"

#### Mid- high attenuation earmuff

**Features** Very light earmuff with medium-high attenuation (27dB). Adjustable in height. Dielectric hearing protector, without mechanical components (Metal-free). Increase user visibility. Angular terminations that generate a better behavior in the dispersion of sound. Folding harness to make it compatible with helmets, face shields...

**Uses and functions** in all types of activities with moderate noise (light industry, construction, workshops, outdoor work, food... ).

CE EN352-1 Hearing protection. Earmuffs.  
SNR= 27 dB (H= 30, M= 23, L= 14)

### 1988-OS Mod. "SAMURAI"

#### Mid - high attenuation earmuff

**Features** Very light earmuff with medium - high attenuation (27dB). Adjustable in height. Excellent combination of comfort and protection. Dielectric hearing protector, without mechanical components (Metal-free). Folding harness to make it compatible with helmets, face shields...

**Uses and functions** in all types of activities with moderate noise (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, fishing...).

CE EN352-1 Hearing protection. Earmuffs.  
SNR= 27 dB (H=30, M=25, L=18)



### 1988-OP Mod. "THUNDERSTRUCK"

#### Very high attenuation earmuff

**Features** Very light earmuffs with very high (32dB) attenuation. Adjustable height. Collapsible for easy transport and storage. Increased visibility of the user. Angular terminations resulting in better performance in sound dispersion.

**Uses and functions** in all kinds of activities with high noise level (heavy and light industry, construction, automotive, workshops, outdoor work, carpentry...).

CE EN352-1 Hearing protection. Earmuffs.  
SNR= 32 dB (H=35, M=30, L=22)



### 1988-OJ Mod. "JUMBO"

#### Very high attenuation earmuff

**Features** Lightweight earmuff very high attenuation (33dB). Adjustable in height. Padded harness for prolonged use and for greater comfort. Dielectric hearing protector, without mechanical components (Metal-free). Increase user visibility. Angular terminations that generate a better behavior in the dispersion of sound.

**Uses and functions** in very noisy environments (construction, machinery rooms, heavy industry, mining, airports...).

CE EN352-1 Hearing protection. Earmuffs.  
SNR= 33 dB (H=34, M=31, L=24)





# Earmuffs for helmet

## 1988-OC Mod. "THUNDERSTRUCK"

### Earmuff for helmet, medium attenuation

**Features** Very light earmuffs with medium (29dB) attenuation. Adjustable height. Increased visibility of the user. Angular terminations resulting in better performance in sound dispersion. With connector to adapt to helmets with slot. Double break position (in the absence of noise or to hear conversations or alarm signals) and active position. Use compatible with welding screen for Optech helmet ref. 2188-PSC.

**Uses and functions** in all kinds of activities with moderate noise level where use of an industrial helmet is required (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports and outdoor work in general).

CE EN352-3 Hearing protection. Earmuffs attached to helmet.  
 SNR=26dB (H=29, M=24, L=16)



## 1988- OCD Mod. "VOLT"

### Medium attenuation earmuffs

**Features** Earmuff for very light helmet of medium-high attenuation (29dB). Adjustable in height. Excellent combination of comfort and protection. Dielectric earmuff (does not allow the passage of current to the helmet).

Compatible with the VOLT series (Helmet 2088-CV, Head -straps 2188-AV and Visor 2188-VV), forming an exceptional combination for electrical environments.

**Uses and functions** in all types of activities with moderate or high noise and the use of an industrial helmet (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports, and in general works abroad) is necessary.

CE EN352-3 Hearing protection. Earmuffs attached to a protective helmet.  
 SNR= 27dB (H=29, M=25, L=17)



Dielectric set



## 1988-OSC Mod. "SAMURAI"

### High attenuation earmuffs

**Features** Very light earmuffs with high (29dB) attenuation. Adjustable height. No metal parts. Excellent combination of comfort and protection.

**Uses and functions** in all kinds of activities with moderate noise level where use of an industrial helmet is required (light industry, construction and civil works, electrical maintenance, mining, workshops, chemical industry, ports and outdoor work in general).

CE EN352-3 Hearing protection. Earmuffs attached to helmet.  
 SNR= 26dB (H=29, M=23, L=17).





# »»»»» HEAD PROTECTION







Steelpro's protective helmets have been designed with the finest materials, from authentic raw materials of the best possible quality; as a result, they offer the highest standard of comfort, lightness, protection and durability.



10

## EN 397

Cascos de Seguridad para la Industria.

### CATEGORÍA II



El casco debe incluir al menos un casquete y un arnés. Protección contra el efecto de **objetos que caen o que son lanzados**, o de cargas en movimiento o suspendidas.

•Requisitos adicionales:



-30°C



440V



Metal fundido

### CATEGORÍA III

## EN 50365

Cascos certificados para riesgo eléctrico.



1.000V

## EN 812

Gorras antigolpe industriales.

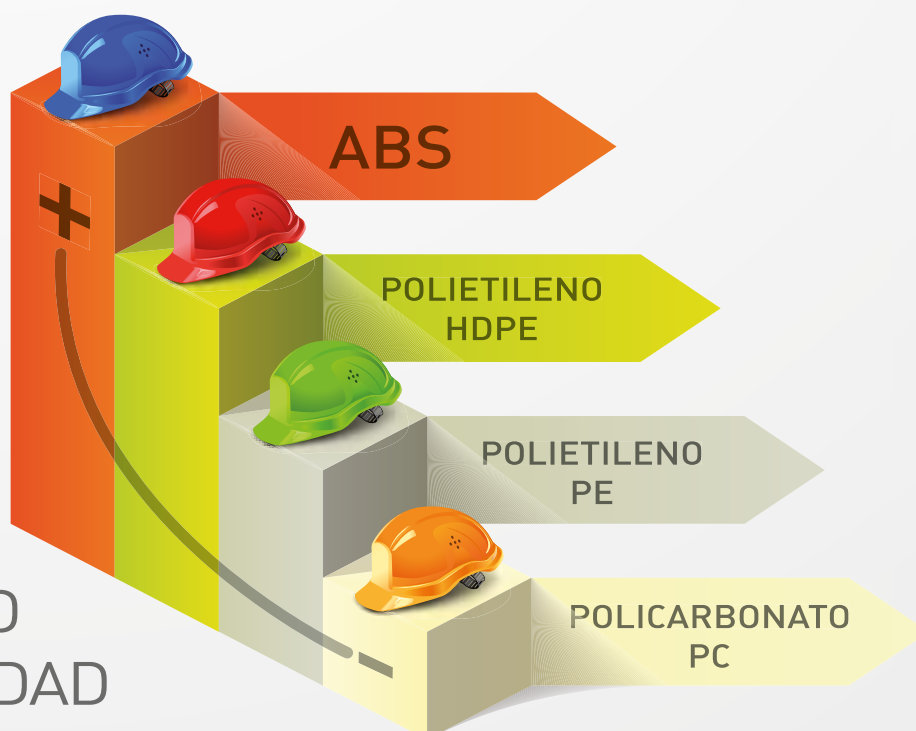
### CATEGORÍA II



Las gorras antigolpe industriales sirven para la protección de la cabeza del portador si **la cabeza golpea fuertemente contra objetos duros e inmóviles**.

**NO** confundir una gorra antigolpe con un casco de seguridad, los riesgos a cubrir son distintos.

+CALIDAD  
+SEGURIDAD







# Helmets / Head protection

## 2088-CB Mod. "STRIKE"

Protective helmet with belt closure

### Features

Helmet manufactured in High Density Polyethylene (HDPE). High Density Polyethylene provides better protection (impact resistance) than other thermoplastics (Low Density Polyethylene, Polypropylene...), while providing superior lightness and resistance to aging.

- Very comfortable and lightweight
- Interior plastic harness with 4 anchor points and soft anti-sweat band.
- Standard side slot (3mm) for coupling earmuffs or adapters to visor.
- Side holes for elastic chin strap with chinstrap 2088-B (optional).
- Indirect ventilation to reduce temperature and itching.
- One size fits all with adjustable band (53-63 cm).

### Uses and functions

in all kinds of activities requiring a protective helmet for industry (falling objects), such as construction, public works, industry, mining, maintenance...

CE EN397 Protective helmets for industry.

#### AVAILABLE COLORS

White

Yellow

Blue



Detail on back. Adjustable band.



Interior harness



## 2088-B

Elastic chin strap with chin guard

Can be used with both 2088 CB and 2088 CR.

## 2088-CR Mod. "ROLLER"

Roulette lock helmet and textile harness

### Features

Helmet manufactured in High Density Polyethylene (HDPE). High Density Polyethylene provides better protection (impact resistance) than other thermoplastics (Low Density Polyethylene, Polypropylene...), while providing superior lightness and resistance to aging.

- Very comfortable and lightweight
- Roller Roulette adjustment.
- Compact design with short visor.
- Interior textile harness with 4 anchor points and soft anti-sweat band.
- Standard side slot (3mm) for coupling earmuffs or adapters to visor.
- Side holes for elastic chin strap with chinstrap 2088-B (optional).
- One size fits all with adjustable band (53-63 cm).

### Uses and functions

in all kinds of activities requiring a protective helmet for industry (falling objects), such as construction, public works, industry, mining, maintenance, height work...

CE EN397 Protective helmets for industry.

#### AVAILABLE COLORS

White

Yellow

Blue



Back Detail Roulette adjustment.



Interior insulation with bands



## 2088-CTV Mod. "THOR (Ventilated)"

Ventilated protection helmet for the industry in white color, closing roulette, textile harness 6 points

### Features

Protective helmet for the industry (EN397) Made of ABS (thermoplastic of great tenacity, hardness and chemical resistance and impact).

- Close by roulette that regulates the contour from 53 to 66 cm.
- Modern and ergonomic design.
- Internal textile harness with anti-sweat band and fabric harness with 6 anchoring points.
- Standard slit (3 mm) to attach ear protection earmuffs.
- Adjustment using roulette type. Resistance to low temperatures (-30°C).
- Accessories: Chin strap ref. 2088-B
- Weight: 365 gr.

### Uses and functions

in all types of activities in which a protective helmet for industry (falling objects), such as construction, public works, industry, maintenance, tunnels...

CE EN397 Protective helmets for industry.



## 2088-KF

Forestry kit

### Features

Kit composed by:

Protective helmet for industry (EN397) manufactured in orange PP.

Closing by means of roulette that regulates the contour from 55 to 62 cm. Internal plastic harness with anti-sweat band with 4 anchoring points.

Adjustment using "roller" type roulette.

Grid and adapter viewer for forestry and gardening work.

Middle attenuation earmuff (SNR 26dB).

Chin strap ref. 2088-B

Optional accessory: PVC cover for the sun ref. 2088-CN

Weight: 700 gr.

### Uses and functions

in activities related to forestry work, gardening, clearing, etc.

CE EN397 Protective helmets for industry.

EN166 Eye protection of the eyes. General requirements.

EN1731 Eye shields and mesh facials.

EN352-3 Hearing protection. Earmuffs attached to a protective helmet.



## Helmets / Head protection

### 2088-CMV Mod. "MOUNTAIN"

ABS protection helmet, roulette closure, 6-point textile harness and chin strap

#### Features

Helmet manufactured in ABS. ABS is an engineering thermoplastic that's super tough (energy gets absorbed before breakage, even at very low temperatures where other materials become more rigid and brittle), hard, rigidity and has very good chemical and abrasion resistance.

- Excellent comfort and lightness.
- Resistance to lateral deformation (LD)
- Roller roulette type adjustment.
- Side ventilation for better air circulation, providing greater comfort to the user, especially in hot workplaces.
- Interior textile harness with 6 anchor points and soft anti-sweat band.
- Expanded polyethylene inner foam, which offers thermal insulation, greater comfort, greater resistance to lateral impacts.
- Standard side slot (3mm) for coupling earmuffs or adapters to visor.
- Reflective back to increase visibility of the user.
- Short visor for work at height and in confined spaces.
- One size fits all with adjustable band (53-63 cm).
- Bifurcated chin strap with silicone chin guard included. 2088-BCM: spare.

#### Uses and functions

in all kinds of activities requiring a protective helmet for industry (falling objects), such as construction, public works, industry, mining, maintenance, height work, tunnels...

CE EN397 Protective helmets for industry.

#### COLOURS AVAILABLE

White
Yellow
Blue



Reinforcement and inner insulation details.



Back detail with safety reflector



### 2088-CMVF Mod. "MOUNTAIN" photoluminescent.

ABS locking roulette helmet, 6-point textile harness and chin strap. PHOTOLUMINESCENT

#### Features

This photoluminescent model has the ability to absorb light for a certain period of time to later generate the process of photoluminescence, allowing workers to be located in areas of low light or total absence of light

#### Uses and functions

Especially for rescue work, emergencies, underground mining and night work (industry, refineries, platforms, maintenance...).

CE EN397 Protective helmets for industry.





# Electrically Insulating Helmets / Head protection

## 2088-CV Mod. "VOLT"

Protective helmet for electric insulation industry, closing roulette, textile harness 8 points and chinstrap

### Features

- Protective helmet for the industry (EN397).
- Electrically insulating helmet for low voltage installations (EN50365).
  - Made of ABS (thermoplastic of great tenacity, hardness and chemical resistance and impacts).
  - Close by roulette that regulates the contour from 53 to 66 cm.
  - Short visor for work at height.
  - Textile interior harness with anti-sweat band and fabric harness with 8 anchoring points, and padding.
  - Standard slit (3 mm) to attach ear protection earmuffs.
  - Adjustment using roulette type.
  - Bifurcated chin strap with foam chin guard.
  - Resistance to low temperatures (-30°C).
  - Resistance to splashes of molten metals (MM).
  - Electric resistance (440V).
  - Compatible with 2188-VV electric arc visor and 2188-ACV dielectric adapter and with Volt 1988-0 Dielectric Ear-loop.
  - Weight: 300 gr.

### Uses and functions

in all kinds of activities in which a protective helmet is required for the industry (falling objects), such as construction, public works, industry, maintenance, work at height, tunnels... as well as isolating the head of the user of possible low voltage electrical contacts.

CE EN397 Protective helmets for industry.  
 EN50365 Electrically insulating helmets for low voltage installations. Class 0.

## 2088-CT Mod. "THOR"

Ventilated protection helmet for the industry in white color, closing roulette, textile harness 6 points.

### Features

- Protective helmet for the industry (EN397) Made of ABS (thermoplastic of great tenacity, hardness and chemical resistance and impact).
- Close by roulette that regulates the contour from 53 to 66 cm.
  - Modern and ergonomic design.
  - Internal textile harness with anti-sweat band and fabric harness with 6 anchoring points.
  - Standard slit (3 mm) to attach ear protection earmuffs.
  - Adjustment using roulette type.
  - Resistance to low temperatures (-30°C).
  - Accessories: Chin strap ref. 2088-B
  - Weight: 365 gr.

### Uses and functions

in all types of activities in which a protective helmet for industry (falling objects), such as construction, public works, industry, maintenance, tunnels.

CE EN397 Protective helmets for industry.  
 EN50365 Electrically insulating helmets for low voltage installations. Class 0.



Conjunto dieléctrico



COLOURS AVAILABLE	
	White
	Yellow
	Blue
	Red
	Green



# Electrically Insulating Helmets / Head protection

## 2088-CVI Mod. "VISION"

Protective helmet for the electrically insulating industry with retractable visor, roulette closure, 8-point textile harness, and chin strap

### Features

- Protective helmet for industry (EN397)
- Electrically insulating helmet for low voltage installations (EN50365).
- Made of ABS (thermoplastic of great tenacity, hardness and chemical resistance and impacts).
- Transparent retractable polycarbonate visor with silicone nose bridge and increased resistance (S). Optical class 1.
- Close by roulette that regulates the contour from 52 to 63 cm.
- Short visor and chin strap for work at height.
- Internal textile harness with anti-sweat band and fabric harness with 8 anchoring points.
- Standard slit (3 mm) to attach ear protection earmuffs.
- Adjustment using roulette type.
- Resistance to low temperatures (-30°C).
- Resistance to lateral deformation (LD).
- Electric resistance (440V).
- Weight: 450 gr.
- It can be attached to the chin strap 2088-B (optional).

### Uses and functions

in all kinds of activities in which a protective helmet is required for the industry (falling objects ), such as construction , public works, industry, mining, maintenance, tunnels... as well as isolating the user's head from possible electrical contacts low tension, and protect the eyes against impacts.

CE EN397 Protective helmets for industry.

EN50365 Electrically insulating helmets for low voltage installations. Class 0.

EN166 Eye protection of the eyes. General requirements.



\*Chin strap 2088-B (optional)





## 2088-CE Mod. "EOLO"

### Protective helmet for work at height

#### Features

Protective helmet for the industry (EN397) Electrically insulating helmet for low installations voltage (EN50365). Made of ABS (thermoplastic of great tenacity, hardness and chemical resistance and impacts).

- Very light and comfortable.
- Close by roulette that regulates the contour of 52 to 63 cm.
- Textile interior harness with anti-sweat band and fabric harness with 6 anchor points.
- Standard slot (3 mm) for attaching earmuffs hearing protection.
- Adjustment using roulette type.
- Bifurcated chin strap with silicone chin guard.
- Resistance to low temperatures (-30°C).
- Weight: 350 gr.

#### Uses and functions

in all types of activities in which a protective helmet for industry (falling objects), such as construction, public works, industry, maintenance, tunnels... as well as isolating the head of possible low electrical contacts tension. Specially designed for work at height under construction (scaffolding), assemblies, maintenance, tunnels, rescues, wells, wind and electric towers, etc.

EN397 Protective helmets for industry.

EN50365 Electrically insulating helmets for low installations tension.  
Class 0

#### COLOURS AVAILABLE

White
Black
Blue
Red



## 2088-GP Mod. "BUMPER"

Gorra de protección antigolpes.

**Features** Shockproof baseball cap, 100% cotton. ABS inner shell (plastic that is highly resistant to impact and has high energy absorption capacity even at low temperatures) with padding. Lateral ventilation. One size fits all adjustable with Velcro (54-59 cm).

**Uses and functions** in all kinds of activities not requiring a protective helmet for industry (falling objects), but where there is risk of head injury by hard, immovable objects (shelves, protruding parts, transportation, stationary tools...).

CE EN812 Protective helmets for industry.

### AVAILABLE COLORS

Grey
Black
White
Green
Red
Navy blue



## 2088-GP PRO AM Mod. "BUMPER PRO"

Anti-shock protection cap with side ventilation grilles. Navy colour

**Features** Baseball-style baseball cap with mesh ventilation lateral (greater ventilation surface). Inner shell in ABS (plastic very resistant to impact and with great capacity of absorption of energy even at low temperatures) with inner pad in EVA. One size adjustable by velcro (58 to 63 cms).

**Uses and functions** in all kinds of activities in which it is not required a protective helmet for industry (falling objects), but there is a risk of blows to the head against hard and immobile objects (shelves, protrusions, transport, fixed tools...).

CE EN812 Protective helmets for industry.



## 2088-GP PRO AMC Mod. "BUMPER PRO"

Anti-shock protection cap with side ventilation grilles. Navy Blue color short visor (3 centimeters)

**Features** Baseball-style baseball cap with mesh ventilation lateral (greater ventilation surface). Inner shell in ABS (plastic very resistant to impact and with great capacity of absorption of energy even at low temperatures) with inner pad in EVA. One size adjustable by velcro (58 to 63 cms).

**Uses and functions** in all kinds of activities in which it is not required a protective helmet for industry (falling objects), but there is a risk of blows to the head against hard and immobile objects (shelves, protrusions, transport, fixed tools...).

CE EN812 Protective helmets for industry.



Textile grid for ventilation and breathability Caps PRO



Detail of ABS inner cover



## 2088-GP PRO AVY Mod. "BUMPER PRO"

Anti-shock protection cap with side ventilation grilles. Color Yellow High Visibility with reflective bands

**Features** Baseball-style baseball cap with mesh ventilation lateral (greater ventilation surface). Inner shell in ABS (plastic very resistant to impact and with great capacity of absorption of energy even at low temperatures) with inner pad in EVA. One size adjustable by velcro (58 to 63 cms).

**Uses and functions** in all kinds of activities in which it is not required a protective helmet for industry (falling objects), but there is a risk of blows to the head against hard and immobile objects (shelves, protrusions, transport, fixed tools...).

EN812 Protective helmets for industry.



## 2088-GP PRO AVN Mod. "BUMPER PRO"

Anti-shock protection cap with side ventilation grilles. Color Orange High Visibility with reflective bands

**Features** Baseball cap with mesh ventilation lateral (greater ventilation surface). Inner shell in ABS (plastic very resistant to impact and with great capacity of absorption of energy even at low temperatures) with inner pad in EVA. One size adjustable by velcro (58 to 63 cms).

**Uses and functions** in all kinds of activities in which it is not required a protective helmet for industry (falling objects), but there is a risk of blows to the head against hard and immobile objects (shelves, protrusions, transport, fixed tools...).

EN812 Protective helmets for industry.





# »»»»» EYE PROTECTION





Steelpro boasts a comprehensive range of ocular and facial protection, which safeguards against mechanical ejections and radiation emissions (UV and solar rays, infrared light and more).

**STEELPRO**  
— SAFETY —<sup>®</sup>

11



MONTURA UNIVERSAL



MONTURA INTEGRAL



PANTALLA  
FACIAL

## RIESGOS mecánicos y químicos



Barrera  
**mecánica**  
del EPI

## EN 166

Proyección partículas

- |   |                   |  |
|---|-------------------|--|
| ③ | Gotas de líquidos |  |
| ④ | Polvo grueso      |  |
| ⑤ | Polvo fino        |  |
| ⑧ | Arco eléctrico    |  |
| ⑨ | Metales fundidos  |  |

## RIESGOS por radiaciones



Barrera  
**tintada**  
del ocular

## EN 170

(RADIACIÓN UV)  
TINTADO TENUE

## EN 172

(RADIACIÓN SOLAR)  
TINTADO GRIS

## EN 169/171

(RADIACIÓN INFRAROJA)  
TINTADO VERDE





# Guía de selección / Eye protection

REFERENCE	MECHANICAL & CHEMICAL RISKS					RADIATION RISKS				OTHER SELECTION CRITERIA			PAGE NUMBER
	PROJECTED PARTICLES	LIQUID DROPS	THICK DUST PARTICLES	LIQUID SPLASH	MOLTEN METAL AND HOT SOLIDS	ULTRAVIOLET UV	SOLAR	INFRARED (IR) WELDING	INFRARED (IR) RADIANT HEAT	ANTI-ABRASION TREATMENT	Anti-fog TREATMENT	COMPATIBILITY WITH PRESCRIPTION GLASSES	
 2188-GC	●					●				●	●		246 pag.
 2188-GCG	●						●			●	●		246 pag.
 2188-GCF							●			●	●		247 pag.
 2188-GCP	●						●			●	●		247 pag.
 2188-GCR	●					●				●	●		248 pag.
 2188-GCB	●					●				●	●		248 pag.
 2188-GCA	●					●				●	●		248 pag.
 2188-GTC	●					●				●	●		249 pag.
 2188-GTAC	●					●				●	●		249 pag.
 2188-GLIC	●					●				●	●		250 pag.
 2188-GLIG	●						●			●	●		250 pag.
 2188-GMC	●					●				●	●		251 pag.
 2188-GIC	●					●				●	●		251 pag.
 2188-GBC	●					●				●	●		252 pag.
 2188-GYC	●					●				●	●		252 pag.
 2188-GOC	●					●				●	●		253 pag.



REFERENCE	MECHANICAL & CHEMICAL RISKS					RADIATION RISKS				OTHER SELECTION CRITERIA			PAGE NUMBER
	PROJECTED PARTICLES	LIQUID DROPS	THICK DUST PARTICLES	LIQUID SPLASH	MOLTEN METAL AND HOT SOLIDS	ULTRAVIOLET UV	SOLAR	INFRARED (IR) WELDING	INFRARED (IR) RADIANT HEAT	ANTI-ABRASION TREATMENT	Anti-fog TREATMENT	COMPATIBILITY WITH PRESCRIPTION GLASSES	
 2188-GMG	●						●			●	●		253 pag.
 2188-GTALC	●					●				●	●		254 pag.
 2188-GHC	●					●				●	●		254 pag.
 2188-GNEC	●					●				●	●		254 pag.
 2188-GAC	●					●				●	●		255 pag.
 2188-GYOC	●					●				●	●		255 pag.
 2188-GXC	●					●				●	●		256 pag.
 2188-GUP	●						●			●			256 pag.
 2188-GSIC	●					●				●	●		256 pag.
 2188-GRG	●						●			●	●		257 pag.
 2188-GZ	●					●				●	●		257 pag.
 2188-GPG	●						●			●	●		257 pag.
 2188-GD	●	●								●	●		258 pag.
 2188-GS	●					●				●			259 pag.
 2188-GSG	●						●			●			259 pag.
 2188-GSF	●					●				●	●		259 pag.

# Guía de selección / Eye protection

REFERENCE	MECHANICAL & CHEMICAL RISKS					RADIATION RISKS				OTHER SELECTION CRITERIA			PAGE NUMBER
	PROJECTED PARTICLES	LIQUID DROPS	THICK DUST PARTICLES	LIQUID SPLASH	MOLTEN METAL AND HOT SOLIDS	ULTRAVIOLET UV	SOLAR	INFRARED (IR) WELDING	INFRARED (IR) RADIANT HEAT	ANTI-ABRASION TREATMENT	Anti-fog TREATMENT	COMPATIBILITY WITH PRESCRIPTION GLASSES	
 2188-GSFG	●						●			●	●		259 pag.
 2188-GSC	●					●				●	●		260 pag.
 2188-GSPG	●						●			●	●		260 pag.
 2188-GSPE	●						●			●	●		260 pag.
 2188-GL	●					●				●	●		262 pag.
 2188-GLG	●						●			●	●		262 pag.
 2188-GN	●					●				●			262 pag.
 2188-GNA	●					●				●	●		262 pag.
 2188-GNV	●							●		●			262 pag.
 2188-GVC	●					●				●	●	●	263 pag.
 2188-GVE	●					●				●		●	263 pag.
 2188-GVCV	●							●		●	●	●	263 pag.
 2188-GISRX	●	●	●			●				●	●	●	264 pag.
 2188-GIX8	●	●								●	●	●	265 pag.
 2188-GIX8 PRO	●	●				●				●	●	●	265 pag.
 2188-GIX10	●	●	●			●				●	●	●	266 pag.




REFERENCE	MECHANICAL & CHEMICAL RISKS					RADIATION RISKS				OTHER SELECTION CRITERIA			PAGE NUMBER
	PROJECTED PARTICLES	LIQUID DROPS	THICK DUST PARTICLES	LIQUID SPLASH	MOLTEN METAL AND HOT SOLIDS	ULTRAVIOLET UV	SOLAR	INFRARED (IR) WELDING	INFRARED (IR) RADIANT HEAT	ANTI-ABRASION TREATMENT	Anti-fog TREATMENT	COMPATIBILITY WITH PRESCRIPTION GLASSES	
 2188-GIX9	●	●			●					●	●	●	266 pag.
 2188-GIX7	●	●	●							●	●		267 pag.
 2188-GIX6	●	●	●		●					●	●	●	267 pag.
 2188-GIX3	●	●				●				●	●	●	268 pag.
 2188-GIS	●							●				●	269 pag.
 2188-GIE	●		●		●							●	269 pag.
 2188-GIA	●	●	●		●						●	●	269 pag.
 2188-VRC	●			●	●	●						●	270 pag.
 2188-VRV5	●				●			●				●	271 pag.
 2188-PF	●			●								●	272 pag.
 2188-PFB	●											●	273 pag.
 2088-KF	●											●	273 pag.
 2188-PFX3	●	●		●		●				●	●	●	273 pag.
 2188-PS	●							●				●	274 pag.
 2188-PSC	●							●				●	274 pag.
 2188-PSE	●							●				●	275 pag.

## CARBON SERIES

High-tech glasses. **Ultra-light and super-comfortable wrap-around design** with a rubber nose bridge for prolonged use. 7 types of glasses are available.

Eyewear with certified 'Premium' treatment. Resistant to surface deterioration caused by fine particles (K) (for greater duration and visual quality) and resistance to fogging (N).

- Ultra-light (22 grams). 
- Excellent optical quality (Class 1).
- Rubber nose bridge; soft, ventilated and non-slip.

### 2188-GC

#### Features

Glasses with clear polycarbonate anti-scratch and anti-fog lens for mechanical (projections) and radiation (ultraviolet UV) hazards.

#### Uses and functions

in all kinds of activities with risk of projections (metal, wood, stone), construction, and manufacturing in general.

CE EN166 Eye protection. General requirements.  
EN170 Eye protection. Ultraviolet Filters (UV).  
Class 2C-1.2 (UV protection). Good color recognition.



### 2188-GCG

#### Features

Grey glasses with polycarbonate anti-scratch and anti-fog lens for mechanical (projections) and radiation (sunlight) hazards.

#### Uses and functions

in all kinds of activities with risk of projections (metal, wood, stone), construction, agriculture and gardening...

CE EN166 Eye protection. General requirements.  
EN172 Eye protection. Sun filters for work.  
Class 5-2,5 (solar protection degree 2,5).





## 2188-GCF

### Features

Clear eye glasses self-darkening (photochromic) polycarbonate anti-fog and anti-scratch, for mechanical hazards (projections) and risk of radiation (sunlight).

- Ocular Photochromic. It automatically adapts to ambient light, protecting the eye against solar radiation at every moment.
- Reduces reflection and glare.
- Very light (22 grams).
- Excellent optical quality (class 1).
- Soft and ventilated nose bridge.

### Uses and functions

in all kinds of activities both outside and inside, activities that require combinations of these (manufacturing and industry), jobs related to driving, farming, painting and decorating, shopping, maintenance work...

CE EN ISO 12312-1 Eye and face protection. Glasses for general use.



## 2188-GCP

### Features

Grey glasses with polycarbonate anti-scratch and anti-fog lens for mechanical (projections) and radiation (sunlight) hazards.

- Ocular polarized. Eliminate uncomfortable reflections that can occur when working with sheet metal, machinery, during outdoor work (water, snow, asphalt...).
- Eliminate glare and reflections (better comfort, safety and precision at work).
- Very light (22 grams).
- Excellent optical quality (class 1).
- Soft and ventilated nose bridge.

### Uses and functions

in all kinds of outdoor activities, work related to sheet metal, machinery, agriculture, painting, and decoration, maintenance work, asphalt, high luminosity work, work in the snow, water (platforms, fishing, watersports, ports...)

CE EN166 Eye protection. General requirements.

EN172 Eye protection. Solar filters for labor use.

Class 5-3,1 (sun protection degree 3,1).



## CARBON SERIES



### 2188-GCR

**Features** Orange “Blue-Blocker” polycarbonate anti-scratch and anti-fogging glasses, for mechanical (projectile) and radiation risks (UV Ultraviolet). “BLA” (Blue Light Absorbing) technology.

**Uses and functions** in all types of activities with risks of projectiles, especially when working with blue light produced by photochemical lamps, composite curing (dentists...), adhesives, quality inspections and surfaces (spray paint in automotive / household appliances)...

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).  
Class 2-2 (UV protection).



### 2188-GCBB

**Features** Brown “Blue-Blocker” polycarbonate anti-scratch and anti-fogging glasses, for mechanical (projectile) and radiation risks (UV Ultraviolet). “BLA” (Blue Light Absorbing) technology.

**Uses and functions** in all types of activities with risks of projectiles, especially when working with blue light produced by computers, lights, LEDs, fluorescent lights and screens, tablets...

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).  
Class 2C-1.4 (UV protection). Good colour recognition.



### 2188-GCA

**Features** Yellow polycarbonate anti-scratch and anti-fogging glasses, for mechanical (projectile) and radiation risks (UV Ultraviolet). “BLA” (Blue Light Absorbing) technology.

**Uses and functions** in all types of activities with risks of projectiles, especially when working with environmental conditions (fogs, rain, fumes...), require a substantial improvement in vision. The yellow eyepiece provides an increase in sharpness, contrast and detail.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).  
Class 2-1.2 (UV protection).



# TITANIUM SERIES

High-tech glasses. Ultra-light and super-comfortable wrap-around design with a rubber nose bridge for prolonged use. 7 types of glasses are available. Eyewear with certified 'Premium' treatment. Resistant to surface deterioration caused by fine particles (K) (for greater duration and visual quality) and resistance to fogging (N).

## 2188-GTC

### Features

Colourless polycarbonate anti-scratch and anti-fogging glasses, for mechanical (projectile) and radiation risks (UV Ultraviolet). "BLA" (Blue Light Absorbing) technology.

### Uses and functions

in all types of activities with risks of projections (metal, wood, stone), construction and manufacturing in general.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.



## 2188-GTAC

Same features as 2188-GTC ANTHRACITE



## LITIO SERIES

Flexible temples, EVA inner foam (removable) and soft and non-slip rubber nose bridge.

### 2188-GLIC

#### Features

Colorless polycarbonate lens glasses, with anti-scratch and anti-fog treatment, with wide visual field. Lens protection against ultraviolet UV filters.

EVA interior foam (very light and flexible material, with great capacity to absorb impacts).

- Seals the glasses, preventing entry of particles.
- Greater comfort and wearability.
- Absorption of possible impacts, reducing the energy of the blow.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2 (UV protection ). Good colour recognition.



### 2188-GLIG

#### Features

Grey (solar protection), polycarbonate lens glasses, with anti-scratch and anti-fog treatment and an ample visual field. Lens protects against solar radiation.

EVA interior foam (very light and flexible material, with great capacity to absorb impacts).

- Seals the glasses, preventing entry of particles.
- Greater comfort and wearability.
- Absorption of possible impacts, reducing the energy of the blow.

CE EN166 Eye protection. General requirements.

EN172 Eye protection. Solar filters for labor use.

Class 5-3.1 (sun protection degree 3.1).





## 2188-GMC Mod. "MILES"

High-tech glasses. Ultra-light and super-comfortable wrap-around design with a rubber nose bridge for prolonged use. 7 types of glasses are available. Eyewear with certified 'Premium' treatment. Resistant to surface deterioration caused by fine particles (K) (for greater duration and visual quality) and resistance to fogging (N)

**Features** Colourless polycarbonate anti-scratch and anti-fogging glasses, for mechanical (projectile) and radiation risks (UV Ultraviolet).  
**Uses and functions** in all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection). Good colour recognition.



## 2188-GIC Mod. "IRIDIO"

Colourless glasses with flexible temples. No metallic elements (Metal Free)

**Features** Colourless single-lens polycarbonate glasses, with anti-scratch and anti-fog treatment and an ample visual field. Protection-lens UV filters. Very comfortable and flexible.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection). Good colour recognition.

**METAL**  
free



## 2188-GBC Mod. "BARIO"

Colourless glasses with flexible transparent temples, EVA foam interior (detachable)

### Features

Colourless single-lens polycarbonate glasses, with anti-scratch and anti-fog treatment and an ample visual field. Protection-lens UV filters. EVA foam interior (very light and flexible material that is great for absorbing shocks).

- Greater comfort and wearability.
- Absorption of possible impacts, reducing the energy of the blow.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.



## 2188-GYC Mod. "YTRIO (WOMAN)"

Ergonomic glasses with 3D wrap-around design, designed especially for women. Very comfortable and lightweight, with a soft rubber nasal bridge. Ventilated and anti-slip. Pivoting temples (allow eyepiece angle inclination)

### Features

Colourless polycarbonate anti-scratch and anti-fogging glasses, for mechanical (projectile) and radiation risks (UV Ultraviolet).

### Uses and functions

in all types of activities with risks of projections (metal, wood, stone), construction, and manufacturing in general.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.





## 2188-GOC Mod. "OSMIO"

Colourless glasses with flexible transparent temples, EVA foam interior (detachable)

- Features** Colourless single-lens polycarbonate glasses, with anti-scratch and anti-fog treatment and an ample visual field. Protection-lens UV filters. EVA foam interior (very light and flexible material that is great for absorbing shocks)
- Seals the glasses, preventing entry of particles
  - Greater comfort and wearability.
  - Absorption of possible impacts, reducing the energy of the blow.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.



## 2188-GMG Mod. "MATRIX"

Glasses with a gray eyepiece, flexible temples and a soft, non-slip rubber nose bridge. Without metallic elements (Metal free)

- Features** Grey (solar protection), polycarbonate lens glasses, with anti-scratch and anti-fog treatment and an ample visual fields. Protective lens against solar radiation.

CE **EN166** Eye protection. General requirements.  
**EN172** Eye protection. Solar filters for labor use.  
Class 5-3.1 (sun protection degree 3.1).

**METAL**  
free



## UNIVERSAL MOUNTED GLASSES / Eye protection

### 2188-GTALC Mod. "TALIO"

Colourless glasses with flexible temples

**Features** Colorless eyeglass, polycarbonate lens, with scratch and anti-fog treatments, with wide visual field. Protective lens against ultraviolet UV filters. Very comfortable and flexible.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.



### 2188-GHC Mod. "HELIO"

Colourless glasses with flexible temples

**Features** Colorless eyeglass, polycarbonate lens, with scratch and anti-fog treatments, with wide visual field. Protective lens against ultraviolet UV filters. Very comfortable and flexible. Nose bridge in soft rubber and non-slip.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.



### 2188-GNEC Mod. "NEON"

Gafa de ocular incoloro, con patillas flexibles.

**Features** Colorless eyeglass, polycarbonate lens, with scratch and anti-fog treatments, with wide visual field. Protective lens against ultraviolet UV filters. Very comfortable and flexible. Nose bridge in soft rubber and non-slip.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.



## 2188-GAC Mod. "ARGON"

Colourless glasses with flexible temples

**Features** Colourless eyeglass, polycarbonate lens, with scratch and anti-fog treatments, with wide visual field. Protective lens against ultraviolet UV filters. Very comfortable and flexible.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2 (UV protection ). Good colour recognition.



## 2188-GYOC Mod. "YODO"

Dual glasses, colorless eyepiece, adjustable temples, EVA inner foam, and optical insert (removable)

**Features** Colourless eyeglass, polycarbonate lens, with anti-scratch and anti-fog treatment, with wide field visual. Protective lens against ultraviolet UV filters.

Dual: Can be used as a universal eyeglass (temples) or as an integral eyeglass (adjustable strap). EVA interior foam (very light and flexible material, with great capacity to absorb impacts).

- Seal the glasses, preventing entry of particles.
- Greater comfort and comfort.
- Absorption of possible impacts, reducing the energy of the blow. Adjustable optical insert. It allows incorporating it into the glasses once inserted graduated eyepieces...

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2 (UV protection ). Good colour recognition.



## UNIVERSAL MOUNTED GLASSES / Eye protection

### 2188-GXC Mod. "XENON"

Glasses with a colorless eyepiece, flexible temples, EVA interior foam (removable)

**Features** Colorless eyeglass, polycarbonate lens, with treatment anti-scratch and anti-fog, with wide visual field. Protective lens against ultraviolet UV filters. EVA interior foam (very light and flexible material, with great capacity to absorb impacts). Seal the glasses, preventing entry of particles. Greater comfort and comfort Absorption of possible impacts, reducing the energy of the blow.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.



### Polarized ANTI-REFLEX

### 2188-GUP Mod. "URANIO"

Eyeglass gray Polarized polycarbonate anti-scratch, for mechanical risks (projections) and radiation risks (sunlight)

**Features** Polarized eyepiece. Eliminates the uncomfortable reflexes that can occur when work with sheet metal, machinery , work outdoors (water, snow, asphalt...). Eliminates reflexes and glare (greater comfort, safety and precision at work). Nose bridge in soft rubber and non-slip.

**Uses and functions** in all kinds of activities both abroad, work related to the sheet metal, machiner, agriculture, painting and decoration, maintenance work, asphaltting, work with lots of light, work in the snow, in the water (platforms, fishing, water sports, ports...)

CE **EN166** Eye protection. General requirements.  
**EN172** Eye protection. Solar filters for labor use.  
Class 5-3,1 (sun protection degree 3).



### 2188-GSIC Mod. "SILICIO"

Glasses with a colorless eyepiece, with flexible temples, very comfortable and lightweight, with a soft rubber nasal bridge, ventilated and anti-slip

**Features** Colorless eyeglass, polycarbonate lens, with anti-scratch treatment and anti-fog, with wide visual field. Protective lens against ultraviolet UV filters.

CE **EN166** Eye protection. General requirements.  
**EN170** Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection ). Good colour recognition.





## 2188-GRG Mod. "RUNNER"

Gray eye glasses with adjustable temples for length

**Features** Grey polycarbonate glasses with antiscratch and anti-fog treatment with sun protection lens. Very light glasses with sporty design.

CE EN166 Eye protection. General requirements.

EN172 Eye protection. Solar filters for labor use.

Class 5-3.1 (sun protection degree 3.1).



## 2188-GZ Mod. "ZOOM"

Clear glasses with temple protection and flexible nose bridge

**Features** Single lens clear polycarbonate glasses with anti-fogging and anti-scratch treatment and wide visual field. Lens that protects against ultraviolet UV filters. Silicone nose bridge. Sporty, very comfortable and lightweight.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2



## 2188-GPG Mod. "PATROL"

Gray eye glasses with adjustable temples for length

**Features** Grey polycarbonate glasses with anti scratch and anti-fog treatment with sun protection lens. Ergonomically curved design, self adaptive based on the anatomy of the frontal area of the head. Silicone nose bridge.

CE EN166 Eye protection. General requirements.

EN172 Eye protection. Solar filters for labor use.

Class 5-3.1 (sun protection degree 3.1).



## UNIVERSAL MOUNTED GLASSES / Eye protection

### 2188-GD Mod. "DUAL"

"Dual" clear eyeglass (integral mount or universal mount)

#### Features

Single lens clear polycarbonate glasses with anti-fogging treatment and wide visual field.

- Very comfortable impact, sporty design and partial rim (with temple chords included), or full rim
- (ocular cavity in silicon and elastic band) with a field of use 3 for liquid drops (as full rim).
- Impact of particles at high speed and low energy.
- Indirect ventilation by micro-grooves to reduce condensation. Excellent optical quality (class 1)
- and certified anti-fog treatment (N).

CE EN166 Eye protection. General requirements.





## SPY

Single lens wrap-around eye glasses

### 2188-GS

#### Features

Glasses with clear polycarbonate anti-scratch and anti-fog lens for mechanical (projections) and radiation (ultraviolet UV) hazards. Very comfortable wrap-around design with side protection.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection with good colour recognition).



### 2188-GSG

#### Features

Grey glasses with polycarbonate anti-scratch and anti-fog lens for mechanical (projections) and radiation (sunlight) hazards. Very comfortable wrap-around design with side protection.

CE EN166 Eye protection. General requirements.

EN172 Eye protection. Solar filters for labor use.  
Class 5-3.1 (sun protection degree 3.1).



## SPY FLEX

Ocular eyeglasses with a wide envelope and flexible temples

### 2188-GSF

#### Features

Eyeglass clear polycarbonate anti-scratch and anti-fogging, for mechanical risks (projections) and radiation risks (UV-UV). Surround design, very comfortable and with lateral protection. Flexible temples made of hypoallergenic silicone for comfort and prolonged use over time.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2 (UV protection with good colour recognition).



### 2188-GSFG

#### Features

Opaque polycarbonate eyeglass gray anti-scratch and anti-fogging, for mechanical risks (projections) and radiation risks (sunlight). Surround design, very comfortable and with lateral protection. Flexible temples made of hypoallergenic silicone for comfort and prolonged use over time.

CE EN166 Eye protection. General requirements.

EN172 Eye protection. Solar filters for labor use.  
Class 5-3.1 (sun protection degree 3.1).



## SPY CITY

Glasses with a clear eyepiece, with flexible temples

### 2188-GSC

**Features** Ocular clear glasses unilente of polycarbonate, with treatment and antifog, with a wide visual field. UV protection lens against ultraviolet lenses. Sporty design, very comfortable and ultralight (19 grams).

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2



## SPY PRO

Glasses with unilateral eyepiece and flexible temples



### 2188-GSPG

**Features**

Eyeglasses polycarbonate gray tone anti-scratch and anti-fogging, for mechanical risks (projections) and radiation risks (sunlight). Surround design, very comfortable and with lateral protection. Flexible temples made of hypoallergenic silicone for comfort and prolonged use over time.

CE EN166 Eye protection. General requirements.

EN172 Eye protection. Solar filters for labor use.

Class 5-3.1 (sun protection degree 3.1).

### 2188-GSPE

**Features**

Eyeglass polycarbonate mirror antiscratch and anti-fogging, for mechanical risks (projections) and radiation risks (extreme sunlight or heat sources). Surround design, very comfortable and with lateral protection. Flexible temples made of hypoallergenic silicone for comfort and prolonged use over time.

CE EN166 Eye protection. General requirements.

EN172 Eye protection. Solar filters for labor use.

Class 5-3.1 (sun protection degree 3.1).







# UNIVERSAL MOUNTED GLASSES / Eye protection

## LYNX

Panoramic eyeglass, with length adjustable temples, pivoting eyepiece and nasal bridge made of soft and soft material

### 2188-GL

- Features** Glasses with polycarbonate anti-scratch and anti-fog lens for mechanical (projections) and radiation (ultraviolet UV) hazards.
- Anti-scratch treatment (greater length and quality of vision) and anti-fog.
  - Very light (30 grams).
  - Excellent optical quality (class 1).

**Uses and functions** in all kinds of activities with risk of projections (metal, wood, stone), construction, agriculture and manufacturing in general.

- CE EN166 Eye protection. General requirements.  
EN170 Eye protection. Ultraviolet filters (UV).  
Class 2-1.2



### 2188-GLG

- Features** Grey polycarbonate glasses with anti-scratch and anti-fog for mechanical (projections) and radiation (sunlight) hazards.
- Anti-scratch treatment (greater length and quality of vision) and anti-fog.
  - Very light (30 grams).
  - Excellent optical quality (class 1).

**Uses and functions** in all kinds of activities with risk of projections (metal, wood, stone), construction, agriculture and gardening...

- CE EN166 Eye protection. General requirements.  
EN172 Eye protection. Solar filters for labor use.  
Class 5-2 (sun protection degree 2).



## NITRO

Panoramic eyeglass case, with adjustable length temples

### 2188-GN / 2188-GNA ANTIFOG

- Features** Single lens clear polycarbonate glasses with anti-scratch and anti-fogging treatment and wide visual field. Lens that protects against ultraviolet UV filters.  
**Model 2188-GNA is also antifog.**

- CE EN166 Eye protection. General requirements.  
EN170 Eye protection. Ultraviolet filters (UV).  
Class 2C-1.2



### 2188-GNV

- Features** Green eyeglasses polycarbonate unilens glasses, with anti-scratch contraction and wide visual field. Green protection lens for grade 5 welding.

- CE EN166 Eye protection. General requirements.  
EN169 Eye protection. Filters for welding.  
Class 5.



## 2188-GVE Mod. "VISITOR"

### Clear Visitor Glasses

**Features** Glass unilens of polycarbonate, with anti-scratch treatment. UV protection lens against ultraviolet radiation. Ergonomic, with lateral ventilation.

CE **EN166** Eye protection. General requirements.

**EN170** Eye protection. Ultraviolet filters (UV).

Class 2C-1.2



## CLARENCE

Glasses type visit / eye-glasses cover panoramic, with adjustable lengths and pivoting eyepiece

## 2188-GVC

**Features** Glasses with polycarbonate anti-scratch and anti-fog lens for mechanical (projections) and radiation (ultraviolet UV) hazards.

- Compatible with most prescription glasses.
- Anti-scratch treatment (greater length and quality of vision) and anti-fog.
- Very light (38 grams).
- Excellent optical quality (class 1).

**Uses and functions** in all kinds of activities with risk of projections (metal, wood, stone), visits to factories and industry, construction, and manufacturing in general.

CE **EN166** Eye protection. General requirements.

**EN170** Eye protection. Ultraviolet filters (UV).

Class 2-1.2 (UV protection ).



## 2188-GVCV

**Features** Green polycarbonate glasses IR 5.0 antiscrash and anti-fog lens for mechanical (projections) and radiation (IR Infrared) hazards.

- Compatible with most prescription glasses.
- Anti-scratch treatment (greater length and quality of vision) and anti-fog.
- Very light (38 grams).
- Excellent optical quality (class 1).

**Uses and functions** en procesos de soldadura (oxicorte y oxiacetilénica) de grado 5.0

CE **EN166** Eye protection. General requirements.

**EN171** Eye protection. Infrared filters.

Class 4-5 (Grade 5 IR Protection).



## 2188-GISRX Mod. "SRX"

Single lens 180° panoramic glasses with ballistic technology, clear anti-fog eye for mechanical risks and UV radiation

### Features

Panoramic 180° single lens glasses with PVC structure and polycarbonate ocular anti-abrasion (K) and anti-fogging (N) certificates for mechanical hazards (projections, thick dust -4-), chemicals (liquids) and risks (ultraviolet UV, no discoloration).

- Ballistic Certificate consistent with MIL PRF 31013.
- Ergonomic design with co-injected structure providing an excellent field of vision and excellent comfort.
- Impact of particles at high speed and extreme temperatures average power (BT) with anti-ballistic technology.
- Indirect ventilation by micro-grooves to reduce condensation
- Compatible with most prescription glasses.
- With optical insert for adjusting, height-adjustable.
- Excellent optical quality (Class 1).

### Uses and functions

in all kinds of activities with risk of projections (construction, metal, wood, stone), thick dust (cement...) and molten metal splashing (chemical industry, castings, furnaces...), as well as sport activities with risk of high velocity impact.

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2 (UV protection ). Nivel 2 con Good colour recognition.

BT 3 4 K N



Suitable for use of prescription lenses coupled to its internal structure





## 2188-GIX8 Mod. "X8"

**Panoramic full-face glasses 180 ° clear anti-fog eye for mechanical risks**

### Features

Panoramic Integral Glasses 180 ° polycarbonate PVC structure anti-abrasion and anti-fog for mechanical risks (projections, splashes of liquids -3).

- Ergonomic design, with co-injected structure, which provides an excellent field of vision and excellent comfort.
- Internal reinforcing structure to prevent the entry of liquids.
- Impact of particles at high speed and half energy (B).
- Indirect ventilation to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

**Uses and functions** in all kinds of activities with risks of projections (metal, wood, stone...), works with chemical risks (paints, etc.).

CE EN166 Eye protection. General requirements.

B 3



## 2188-GIX8 PRO Mod. "X8 PRO"

**Panoramic full-face glasses 180 ° clear anti-fog eye for mechanical risks**

### Features

Integral panoramic goggle 180 ° PVC structure, anti-abrasion acetate and N-certified anti-fog for mechanical and chemical risks (projections, splashes of liquids...) and risks due to ultraviolet (UV) radiation.

- Ergonomic design, with co-injected structure, which provides an excellent field of vision and excellent comfort.
- Internal reinforcing structure to prevent the entry of liquids.
- Impact of particles at high speed and half energy (B).
- Indirect ventilation to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

**Uses and functions** in all kinds of activities with risks of projections (metal, wood, stone...), works with chemical risks (paints, etc.).

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2-1.2 (UV protection ).

B 3 N



Ocular acetate



## 2188-GIX10 Mod. "X10"

Clear acetate with anti-fog treatment and indirect ventilation for mechanical risks

### Features

- Integral PVC structure and anti-fog acetate eyepiece (N) for mechanical risks (projections, liquid drops -3- thick powder -4-) chemical risks and radiation risks (UV-UV).
- Acetate eyepiece (greater chemical resistance) certified anti-fog level "N".
- Impact of particles at high speed and at low-energy extreme temperatures (FT).
- Double Direct and Indirect Ventilation.
- Compatible with most prescription glasses.
- Nasal bridge specially designed to be compatible with masks.
- Excellent optical quality (Class 1).

### Uses and functions

in all types of activities with risks of projections (metal, wood, stone), liquids (chemical industry, maintenance, paint, pharmaceutical industry...), coarse powder (cement...).

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2 (UV protection). Level 2 with good colour recognition.

FT 3 4 N



## 2188-GIX9 Mod. "X9"

Panoramic full-face glasses 180 ° clear anti-fog eye for mechanical risks

### Features

- Panoramic Integral Glasses 180 ° PVC structure and pivoting anti-abrasion and anti-fog polycarbonate eyepiece for mechanical risks (projections, splashes of liquids -3- and splashes of molten metals and hot solids -9-).
- Ergonomic design, with co-injected structure, which provides an excellent field of vision and excellent comfort.
- Impact of particles at high speed and extreme temperatures of medium energy (BT).
- Indirect ventilation through micro-furrows to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

### Uses and functions

in all types of activities with risks of projections (metal, wood, stone), coarse dust (pollen...) and splashes of molten metals (chemical industry, foundries, furnaces...).

CE EN166 Eye protection. General requirements.

BT 3 9 N





## 2188-GIX7 Mod. "X7"

Dual lens clear anti-fogging glasses for mechanical hazards

### Features

Dual lens with silicone structure and polycarbonate anti-fog eye features for mechanical hazards (projections, liquid drops -3-, thick dust -4-).

- Compact and sporty design, very light and comfortable for its special silicone structure designed to be compatible with other epis (masks, earplugs...).
- Impact of particles at high speed and medium energy (B)
- Indirect ventilation by micro-grooves to reduce condensation.
- Excellent optical quality (Class 1).

### Uses and functions

in all kinds of activities with risk of projections (metal, wood, stone), liquids (chemical industry, labs, painting, spray painting...), thick dust (pollen...).

CE EN166 Eye protection. General requirements.

B 3 4

### AVAILABLE COLOURS

2188-GIX7/N

2188-GIX7/G

2188-GIX7/A



## 2188-GIX6 Mod. "X6"

Full-face glasses, clear eyepie

### Features

Integral goggle with PVC structure and anti-fog polycarbonate eyepiece for mechanical risks (projections, drops of liquids -3-, coarse dust -4- and splashes of molten metals and hot solids -9-).

- Impact of particles at high speed and extreme temperatures of medium energy (BT). Indirect ventilation through micro-furrows to reduce condensation.
- Compatible with most prescription glasses.
- Excellent optical quality (Class 1).

### Uses and functions

in all types of activities with risk of projections (metal, wood, stone), liquids (industry chemistry, spray paint...) coarse dust (pollen...) and splashes of molten metals (chemical industry, foundries, furnaces...).

CE EN166 Eye protection. General requirements.

B 3 4 9 N

## PRO LINE INTEGRATED MOUNTED GLASSES / Eye protection

### 2188-GIX3 Mod. "X3"

Integral 180 ° panoramic glasses with military design, colorless anti-abrasion and anti-fogging eyepiece for mechanical risks and UV radiation

#### Features

Integral panoramic goggle 180 ° PVC structure and certified polycarbonate eyepiece anti-abrasion (K) and anti-fog (N) for mechanical risks (projections), chemicals (liquids, field of use 3) and radiation risks (UV-UV, no color alteration).

- Ergonomic design, with co-injected structure, which provides an excellent field of vision and excellent comfort.
- Impact of particles at high speed and extreme temperatures of medium energy (BT).
- Indirect ventilation to reduce condensation.
- Compatible with most prescription glasses.
- Side details in green to increase visibility.
- Excellent optical quality (Class 1).

#### Uses and functions

in any activities with a risk of projectiles (construction, metals, wood) and liquids (industrial chemicals, paints..).

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2 (UV protection). Good colour recognition.

BT 3 K N



### 2188-PFX3

- Facial screen with integrated polycarbonate viewer provides face protection.





## 2188-GIS

### Integral Glass Welding with 5-degree folding eyepieces and polycarbonate eyepieces (cover filters)

#### Features

- Integral lens for welding, PVC structure for mechanical risks (projections...), and radiation risk (IR).
- Flip-up and interchangeable eyepieces. Inertial green glass tone 5 (50mm diameter). They allow welding infrared radiation protection, and lift the eyepiece to see the welded piece.
  - Interchangeable polycarbonate eyepieces (covers filters).
  - Indirect ventilation to reduce the condensation of welding fumes.
  - Compatible with prescription glasses.
  - Spare parts:
    - Inactive crystal: 2188-LV1 (grades 5, 9, 10, 11 and 13).
    - Polycarbonate filter cover: 2188-CF.

#### Uses and functions

en todo tipo de actividades con riesgos de proyecciones en trabajos relacionados con la soldadura.

CE EN166 Eye protection. General requirements.

EN169 Filters for welding and related techniques.

EN175 Equipment for the protection of the eyes and face during welding.



## 2188-GIE Mod. "X1"

### Comprehensive eyewear for mechanical risks

#### Features

- Glasses Integral PVC structure and polycarbonate eyepiece for mechanical risks (projections, coarse dust -4- and splashes of molten metals and hot solids -9-).
- Impact of particles at high speed and extreme temperatures of medium energy (BT).
  - Indirect ventilation through micro-furrows to reduce condensation.
  - Compatible with most prescription glasses.
  - Excellent optical quality (Class 1).

#### Uses and functions

in all types of activities with risks of projections (metal, wood, etc.)

CE EN166 Eye protection. General requirements.

BT 4 9



## 2188-GIA Mod. "X1 PLUS"

### Integral clear anti-fog eyewear for mechanical risks

#### Features

- Glasses Integral PVC structure and polycarbonate eyepiece for mechanical risks (projections, drops of liquids -3-, coarse dust -4- and splashes of molten metals and hot solids -9-).
- Eyewear with anti-fogging treatment.
  - Impact of particles at high speed and at extreme temperatures.
  - Ventilation valves to reduce condensation and fogging.
  - Compatible with most prescription glasses.
  - Excellent optical quality (Class 1).

#### Uses and functions

in all types of activities with risk of projections (metal, wood, stone), splashing of liquids (3), coarse dust (pollen...) and splashes of molten metals (chemical industry, foundries, furnaces...).

CE EN166 Eye protection. General requirements.

BT 3 4 9

## ROCKET Line

The Steelpro Rocket line was designed with the purpose of protecting the face and eyes from particle projections, heat reflection, infrared radiation, providing maximum safety, comfort and protection.

### ROCKET VISOR CLARO FACIAL SCREEN

Facial screen with clear viewfinder for mechanical risks and radiations composed of 2188-AR adapter and 2188-VRC viewer (sold separately).

**Features** Facial screen for mechanical risks (projections and splashes of molten metals and hot solids) and radiation risks (UV Ultraviolet).

**Uses and functions** in all kinds of activities with risk of projections (metal, wood, stone) and molten metal splashing (chemical industry, smelting, furnaces...).

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet (UV) Filters.

#### 2188-AR

Visor support adjustable on the head, very light and safe with "roller" type adjustment for easy and comfortable fit.

#### 2188-VRC

Visor made of polycarbonate 2.25 mm thick, high mechanical and chemical resistance. Protection against high speed particle impact and extreme temperatures (BT) and molten metal splashing and hot solids (9). Wide field of vision (180°), with curved structure (better performance against impact) and chin protection, with excellent optical quality (class 1). Ultraviolet UV radiation protection.

### FACE SCREEN GREEN ROCKET VISOR IR 5.0 (WELDING)

Facial screen with green viewfinder for mechanical risks and radiations composed of 2188- AR adapter and 2188-VRV5 Visor (sold separately)

**Features** Facial screen for mechanical risks (projections and splashes of molten metals and hot solids) and radiation risks (IR Infrared).

**Uses and functions** in all kinds of activities with risks of projections (metal, wood, stone), splashes of molten metals (chemical industry, foundries, furnaces...) with welding processes.

CE EN166 Eye protection. General requirements.

EN171 Eye protection. Filters for the infrared.

#### 2188-AR

Adjustable head sight holder, very light and safe with "roller" adjustment for easy and comfortable adjustment.

#### 2188-VRV5

Visor made of 2.25 mm thick polycarbonate, with high mechanical and chemical resistance. Protection against particle impacts at high speed and at extreme temperatures (BT), and for splashes of molten metals and hot solids (9). Wide field of vision (180 °), with curved structure (better impact behavior) and protection to the chin, with excellent optical quality (Class 1). Protection against radiation Infrared IR tone 5.0 for welding processes.



#### 2188-ARC

Dielectric adapter and resistant to high temperatures

**Features** The ROCKET visors can also be used with a helmet with the use of the universal adapter.



# VOLT LINE FACIAL SHIELD

## Line VOLT\_ Dielectric protection

The Steelpro Volt line is designed with the purpose of protecting the face and eyes from particle projections, infrared radiation, electrical arc flash and short circuit... providing maximum safety, comfort and protection.

### FACIAL VOLT SHIELD

**FACIAL SCREEN WITH VISOR MANUFACTURED IN POLYCARBONATE FOR MECHANICAL RISKS, RADIATIONS AND SHORT CIRCUIT ELECTRICAL.**

#### Features

Protection against particles at high speed and at temperatures Extreme (BT)  
 Protection against liquid splash (3).  
 Protection against short circuit electric arc (8).  
 Protection against splashes of molten metals and hot solids (9).  
 You can use the 2188-VV viewfinder with a dielectric adapter for 2188-ACV helmet and adapt it to the dielectric helmet "Volt" ref. 2088-CV.  
 Excellent optical quality (Class 1). Folding viewer 400 mm (width) X 205 mm (length).  
 Wide field of vision (180 °) thanks to its curved and ergonomic structure.  
 Ultraviolet radiation protection according to EN170 (2-1,2)

#### Uses and functions

in all kinds of activities with risks of projections, splashes of molten metals, splashing of liquids or electrical risks in construction, public works, industry, mining, maintenance, work at height, tunnels...

CE EN166 Eye protection. General requirements.

EN170 Eye protection Ultraviolet Filters (2-12).



### 2188-VV

Visor made of polycarbonate with high mechanical, electrical and chemical resistance



### 2188-SV

Adjustable head sight holder, very light and safe with "roller" adjustment for easy and comfortable adjustment



### 2188-ACV

Volt hull adapter

\* Display detail VV viewfinder and ACV adapter on VOLT helmet



## CRASHER Line

The Steelpro Crasher line offers a very comfortable facial protection in industrial jobs in a very versatile way and for various risks.

### 2188-PF

Face shield for mechanical hazards

- Features** Clear visor face shield for mechanical hazards (projections and liquid splashes).
- Uses and functions** in all kinds of activities with risk of projections (metal, wood, stone), splashing of liquids (chemical industry, agriculture, painting and decoration, maintenance), and manufacturing in general.

CE EN166 Eye protection. General requirements.  
EN166 3 B



### 2188-S

Polypropylene holder for adjustable visor to head, very light and safe with type adjustment Roller for an easy and comfortable fit, with anti sweat band.

CE EN166 Eye protection. General requirements.



\* Only viewfinder without head-straps



\* Only viewfinder without head-straps



### 2188-V

Polycarbonate visor made of high strength polycarbonate. Measurements: 395X200x1 mm. (width / height / thickness). Visor without metallic components (metal free)

CE EN166 Eye protection. General requirements.



### 2188-VR

Grid viewer, for forestry and gardening

CE EN166 Eye protection. General requirements.

CE EN1731 Eye shields and mesh facials.



### 2188-AC

Universal adapter viewfinder spring 2188-V and 2188-VR to helmet

CE EN166 Eye protection. General requirements.

### 2188-ACO

Universal 2188-V and 2188-VR visor adapter to helmet slot directly (includes helmet adapter part) or when wearing 1988-OC earmuff

CE EN166 Eye protection. General requirements.





## 2188-PFB

### Face shield for mechanical hazards

#### Features

Face shield with head-straps made of nylon with anti-allergenic foam and adjustable band and a 180 ° panoramic polycarbonate visor (20 cm width x 30 cm height).

- It adjusts directly to the head, no mounting required.
- Compatible with the use of other EPI's.
- Use in all kinds of activities with mechanical hazards.

#### Uses and functions

in all types of activities where a helmet is required for the industry (falling objects), such as building, public works, mining, maintenance...

CE EN166 Eye protection. Requisitos Generales.

## 2088-KF

### Forestry kit

#### Features

Kit composed by:  
Protective helmet for industry (EN397) manufactured in orange PP.  
 Closing by means of roulette that regulates the contour from 55 to 62 cm.  
 Internal plastic harness with anti-sweat band with 4 anchoring points.  
 Adjustment using "roller" type roulette.  
Grid and adapter viewer for forestry and gardening work.  
 Middle attenuation earmuff (SNR 26dB).  
 Accessories: Chin strap ref. 2088-B  
 Optional accessory: PVC cover for the sun ref.  
 Weight: 700 gr.

#### Uses and functions

in activities related to forestry, gardening, clearing, etc.

CE EN397 Protective helmets for the industry.

EN166 Eye protection. General requirements.

EN1731 Eye shields and mesh facials.

EN352-3 Hearing protection. Earmuffs attached to a protective helmet.



## 2188-PFX3

Face shield composed of integral panoramic glasses 180 ° with military design, colorless eyepiece anti-abrasion and anti-fogging for mechanical hazards and UV radiation + Polycarbonate Viewer

#### Features

Integral panoramic goggle 180 ° PVC structure and certified polycarbonate eyepiece antiabrasion (K) and anti-fog (N) for mechanical hazards (projections), chemical (liquid, field of use 3) and radiation risks (UV-UV, no colour alteration).

- Integrated polycarbonate visor provides face protection
- Ergonomic design, with co-injected structure, which provides an excellent field of vision and excellent comfort.
- Impact of particles at high speed and extreme temperatures of medium energy (BT).
- Indirect ventilation to reduce condensation.
- Compatible with most prescription glasses and masks.
- Side details in green to increase visibility.
- Excellent optical quality (Class 1).

#### Uses and functions

in all types of activities with risk of projections (building, metal, wood, stone...) and liquid drops (chemical industry, painting...).

CE EN166 Eye protection. General requirements.

EN170 Eye protection. Ultraviolet filters (UV).

Class 2C-1.2 (UV protection ). Good colour recognition.



## OPTECH Line

The Optech welding line offers effective protection for most welding processes, providing eye and face protection.

### 2188-PS

#### Tone 11 welding shield

##### Features

Welding shield with tone 11 hinged visor and internal adjustable harness with screw closure for sparks and IR radiation during welding processes.

- Made of polypropylene, very light, but with high resistance to temperature, impact and chemicals.
- Folding visor, which allows lifting the welding lens to view the weldment without removing the shield and continue with the filter cover protection.
- Interior hinged harness with with screw cap and sweat band.
- Ergonomic rounded design enables there to be no incandescent pieces or molten metal on the surface of the shield and minimizes impacts.
- With tone 11 glass weld and filter cover (size 108x51mm.)
- Replacement glasses available in tones 5, 9, 10, 11, 12 and 13.

##### Uses and functions

in all kinds of activities with welding in workshops, shipbuilding, metal industry, welding in maintenance, public works...

CE EN166 Eye protection. General requirements.

EN169 Eye protection. Welding filters.

EN175 Equipment for eye and face protection during welding.



#### SPARE PARTS

2188-LV	Green lens with opacity scores 5, 9, 10, 11, 12 and 13
2188-CF	Cover filters

### 2188-PSC

#### Tone 11 welding shield adaptable to helmets

##### Features

Welding shield with tone 11 hinged visor and internal adjustable harness with screw closure for sparks and IR radiation during welding processes.

- Made of polypropylene, very light, but with high resistance to temperature, impact and chemicals.
- Folding visor, which allows lifting the welding lens to view the weldment without removing the shield and continue with the filter cover protection.
- Ergonomic rounded design enables there to be no incandescent pieces or molten metal on the surface of the shield and minimizes impacts.
- Compatible with helmet earmuff ref. 1988 -OC.
- With tone 11 welding glass and filter cover (size 108x51mm.)
- Replacement glasses available in tones 5, 9, 10, 11, 12 and 13.

##### Uses and functions

in all kinds of activities with welding requiring helmets in construction, workshops, shipbuilding, metal industry, welding in maintenance, public works...

CE EN166 Eye protection. General requirements.

EN169 Eye protection. Welding filters.

EN175 Equipment for eye and face protection during welding.





## 2188-PSE

### Electronic variable pitch soldering shield (4/9 -13)

#### Features

Welding shield with electronic filter automatically variable to the selected tone (from 9 to 13), for sparks and IR radiations of welding processes.

- 114x90mm self-obscuring filter that offers a minimum protection UV tone 4 (light tone) to the selected tone (dark tone from 9 to 13). It covers a 114 x 90mm polycarbonate exterior filter and covers an interior filter.
- Made of Polycarbonate, very light, but with high impact resistance, as well as good electrical insulation, and high resistance to weathering and UV rays.
- Hinged interior harness with screw closure and anti-sweat band.
- Modern and ergonomic design, with curved shapes that allow no incandescent pieces or drops of molten metal to remain on the surface of the screen and minimize impacts.
- Detection control of the arc.
- Solar cell power supply (+ two 3V lithium battery support).
- Available colors: Graphite Gray, Blue and Red.
- Available spare parts:
  - Pack used cover filter... (ref 2188-RCF).
  - Electronic filter... (ref. 2188-FE).
  - Internal harness... (ref. 2188-APSE).

#### Uses and functions

in most welding processes (MMA, MIG MAG, TIG, PLASMA...) in workshops, shipyards, metal industry, welding in maintenance, public works...

CE EN166 Eye protection. General requirements.

EN169 Eye protection. Welding filters.

EN175 Equipment for eye and face protection during welding.

EN379 Eye protection. Automatic filters for welding.





# RESPIRATORY PROTECTION





A comprehensive range of respiratory protection, suitable for any maintenance or manufacturing activities – complies with the highest safety standards and European regulations.

**STEELPRO**  
— SAFETY —<sup>®</sup>

12

- EN149 Self-filtering protective masks against particles.**
- EN405 Self-filtering protective masks against gases or gases and particles.**
- EN140 Half masks.**
- EN136 Masks.**
- EN141 Filters for gases and mixed filters.**
- EN146 Filtering devices against particles with assisted ventilation.**
- EN13794 Autonomous breathing apparatus with closed-circuit for evacuation.**

All equipment falls under **category III** (risk of death or serious injury) of PPE classification. To determine the selection of the mask and/or either, you must know: The contaminant, its concentration and toxicity, the TLV value of nominal protection of the protector, the protection factor required.

## TLV or Occupational Exposure Level

The maximum concentration of a substance contained in the air, calculating the average over a period of 40 hours per week during which, based on current knowledge, a worker can be exposed day after day without a probable health risk.

## Nominal Protection Factor

The relationship between the concentration of a pollutant in the environment and possible contamination of the inside of the mask. It is calculated from the value of maximum permissible internal leakage (%), which is obtained for any equipment via a standardized test.

## Required Protection Factor

the ratio between the average pollutant concentration in the workplace and the TLV.

Dividing the average pollutant concentration in the workplace by the TLV for this pollutant, the required protection factor is obtained. The right equipment must provide a nominal protection factor greater than the factor of protection required. Example:

<b>Contaminant</b> .....	Cellulose (solid particle)
<b>Concentration</b> .....	40 mg/m <sup>3</sup>
<b>TLV</b> .....	5 mg/m <sup>3</sup>
<b>Required protection factor</b> .....	40/5 = 8
<b>Recommendation</b> .....	FFP2 (nominal protection factor 12)

**Replacement of fi-lters:** it is not possible to determine a time of effectiveness of a fi-lter, since different factors in influence their duration; relative humidity, temperature, respiratory rate, lung capacity, concentration and nature of the contaminant. It is recommended to replace the -filter when increased breathing resistance or contaminant odor is noticed.





	Masks EN149	Masks EN405	Semi-mask EN140	Masks EN136
Particles P1	4,5	4,5	4,5	5
Particles P2	12	12	12	16
Particles P3	50	50	50	1000
Gases and Vapors	-	20	20	2000













Filters for particulates, gases, and combined filters	
P (white)	Particles class 1 (P1), Class 2 (P2) and Class 3 (P3)
A (brown)	Organic gases and vapors
B (grey)	Inorganic gases and vapors (no CO)
E (yellow)	Acidic gases and vapors
K (green)	Ammonia

Note: These tables are approximate. The preventionist should be the one who advises the end user on the best protection based on measurements in the workplace.

# SELECTION GUIDE / Respiratory protection

REFERENCE	PARTICLE PROTECTION			PROTECTION FROM GAS AND VAPOURS				OTHER SELECTION CRITERIA			PAGE NUMBER
	LEVEL P1	LEVEL P2	LEVEL P3	ORGANIC	INORGANIC	ACID	AMMONIA	DISPOSABLE	RESUABLE	FOUL ODOURS	
 2288-M10	●							●			282 pag.
 2288-M12	●							●			282 pag.
 2288-M20		●						●			283 pag.
 2288-M22		●						●			283 pag.
 2288-M32			●					●			283 pag.
 2288-MH											284 pag.
 2288-M101E	●							●			284 pag.
 2288-M102E	●							●			284 pag.
 2288-M103SE		●						●			284 pag.
 2288-M103E		●						●			285 pag.
 2288-M104 PRO			●					●			285 pag.
 2288-M104E			●					●			285 pag.



REFERENCE	PARTICLE PROTECTION			PROTECTION FROM GAS AND VAPOURS				OTHER SELECTION CRITERIA			PAGE NUMBER
	LEVEL P1	LEVEL P2	LEVEL P3	ORGANIC	INORGANIC	ACID	AMMONIA	DISPOSABLE	RESUABLE	FOUL ODOURS	
 2288-M103CAE		●						●		●	286 pag.
 2288-M104CAE			●					●		●	286 pag.
 2288-FP3			●						●		289 pag.
 2288-FA1				●					●	●	289 pag.
 2288-FA1P3			●	●					●	●	289 pag.
 2288-FP3 CA			●						●	●	289 pag.
 2288-FC				●	●	●	●		●	●	289 pag.
 2288-FCP3			●	●	●	●	●		●	●	289 pag.
 2288-PP2		●						●			289 pag.
 2288-FNC				●	●	●	●		●	●	290 pag.
 2288-FNA2P3			●	●					●	●	290 pag.
 2288-FNCP3			●	●	●	●	●		●	●	290 pag.



## 3D SERIES FOLDED

- No clips.
- Individual packaging for better hygiene.
- 3D structure = greater filtering area.
- Dolomite Test (D).
- "Latex free".

### 2288-M10

Disposable FFP1 mask

#### Features

Polypropylene mask. FFP-protection factor (4XTLV) for particles, and solid and liquid aerosols.

- Adjustable aluminium nose clip with inner pad
- Double rubber adjustment.
- 20 units dispenser box (240 pcs per large box).

#### Uses and functions

in activities with harmful particles in works with wood (sawdust...), agriculture, mining, construction, dust cleaning...

CE EN149:2001 Auto-filter masks for particles.



### 2288-M12

FFP1 disposable mask with exhalation valve

#### Features

Polypropylene mask protection factor FFP1 (4XTLV) for particles, solid and liquid aerosols.

- Exhalation valve (allows the air inside the mask, reducing the accumulation of hot air and moisture inside the mask. Suitable for manual labour.
- Adjustable aluminum nose clip with interior padding.
- Double rubber adjustment.
- Dispenser box of 12 units (240 pcs. big box).

#### Uses and functions

in activities with harmful particles in woodworking (sawdust...).

CE EN149:2001 Auto-filter masks for particles.





## 2288-M20

### Disposable FFP2 mask

- Features** Polypropylene mask FFP2 protection factor (12XTLV) for particles, solid and liquid aerosols.
- Adjustable aluminum nose clip with interior padding.
  - Double rubber adjustment.
  - Dispenser box of 20 units (240 pcs. big box).

**Uses and functions** in activities with low toxicity particles in woodworking, agriculture, mining, construction, smelting, metal manufacturing, chemicals and additives in powder, food, ceramics, shipbuilding...

CE EN149:2001 Auto-filter masks for particles.

## 2288-M22

### Disposable mask FFP2 with exhalation valve

- Features** Polypropylene mask FFP2 protection factor (12XTLV) for particles, solid and liquid aerosols.
- Exhalation valve (which allows the air inside the mask further, reducing the accumulation of hot air and moisture inside the mask. Suitable for manual labor.
  - Adjustable aluminum nose clip with interior padding.
  - Double rubber adjustment.
  - Dispenser box of 12 units (240 pcs. big box).

**Uses and functions** in activities with low toxicity particles in woodworking, agriculture, mining, construction, smelting, welding fumes, waste collection, metal manufacturing, chemicals and additives in powder, flour, food, ceramics, laboratories, shipyards...

CE EN149:2001 Auto-filter masks for particles.

## 2288-M32

### Disposable mask FFP3 with exhalation valve

- Features** Polypropylene mask FFP3 protection factor (50XTLV) for particles, solid and liquid aerosols.
- Exhalation valve (allows the air inside the mask, reducing the accumulation of hot air and moisture inside the mask). Recommended for manual labor.
  - Adjustable aluminum nose clip with interior padding in the facial contour for better adjustment, comfort and protection (leaks towards the inside).
  - Double rubber adjustment.
  - Dispenser box of 5 units (100 pcs. big box).

**Uses and functions** in activities with toxic particles in work with asbestos, toxic fibers, wood, pesticides, mining, construction, smelting, welding, metal manufacturing, pharmaceuticals, chemicals and additives in toxic dust, food, ceramics, shipbuilding, agriculture, biological (viruses, bacteria...).

CE EN149:2001 Auto-filter masks for particles.



## MOLDED MASKS / Respiratory protection

### 2288-MH

Disposable hygiene mask. No EPI

**Features** Polyester mask for thick particles, drop, etc. in very low concentrations ( $\leq 1 \times \text{TLV}$ ) and to protect the product handling.

- Adjustable aluminum nose clip.
- Dispenser box of 50 units (2,000 pcs. big box).

**Uses and functions** in cleaning activities with non-noxious dust in the outdoors, jobs where it is necessary to protect the product (food, laboratories, electronics...) and reduce possibility of infection to other people.

### 2288-M101E

Disposable mask FFP1

**Features** Polypropylene mask protection factor FFP1 (4XTLV) for particles, solid and liquid aerosols.

- Adjustable aluminum nose clip with interior padding.
- Double rubber adjustment.
- Dispenser box of 20 units (400 pcs. big box).

**Uses and functions** in activities with harmful particles in woodworking (sawdust...), agriculture, mining, construction, cleaning powder...

CE EN149:2001 Auto-filter masks for particles.

### 2288-M102E

FFP1 disposable mask with exhalation valve

**Features** Polypropylene mask protection factor FFP1 (4XTLV) for particles, solid and liquid aerosols.

- Exhalation valve (allows the air inside the mask, reducing the accumulation of hot air and moisture inside the mask. Suitable for manual labour).
- Adjustable aluminum nose clip with interior padding.
- Double rubber adjustment.
- Dispenser box of 12 units (240 pcs. big box).

**Uses and functions** in activities with harmful particles in woodworking (sawdust...), agriculture, mining, construction, cleaning powder...

CE EN149:2001 Auto-filter masks for particles.

### 2288-M103SE

Disposable FFP2 mask

**Features** Polypropylene mask FFP2 protection factor (12XTLV) for particles, solid and liquid aerosols.

- Adjustable aluminum nose clip with interior padding.
- Double rubber adjustment.
- Dispenser box of 20 units (400 pcs. big box).

**Uses and functions** in activities with low toxicity particles in woodworking, agriculture, mining, construction, smelting, metal manufacturing, chemicals and additives in powder, food, ceramics, shipbuilding...

CE EN149:2001 Auto-filter masks for particles.





## 2288-M103E

### Disposable mask FFP2 with exhalation valve

- Features**
- Polypropylene mask FFP2 protection factor (12XTLV) for particles, solid and liquid aerosols.
- Exhalation valve (which allows the air inside the mask further, reducing the accumulation of hot air and moisture inside the mask. Suitable for manual labour).
  - Adjustable aluminum nose clip with interior padding.
  - Double rubber adjustment.
  - Dispenser box of 12 units (240 pcs. big box).

**Uses and functions**

in activities with low toxicity particles in woodworking, agriculture, mining, construction, smelting, welding fumes, waste collection, metal manufacturing, chemicals and additives in powder, flour, food, ceramics, laboratories, shipyards...

CE EN149:2001 Auto-filter masks for particles.



## 2288-M104E

### Disposable mask FFP3 with exhalation valve

- Features**
- Polypropylene mask FFP3 protection factor (50XTLV) for particles, solid and liquid aerosols.
- Exhalation valve (allows the air inside the mask, reducing the accumulation of hot air and moisture inside the mask). Recommended for manual labour.
  - Adjustable aluminum nose clip with interior padding in the facial contour for better adjustment, comfort and protection (leaks towards the inside).
  - Double rubber adjustment.
  - Dispenser box of 5 units (100 pcs. big box).

**Uses and functions**

in activities with toxic particles in work with asbestos, toxic fibers, wood, pesticides, mining, construction, smelting, welding, metal manufacturing, pharmaceuticals, chemicals and additives in toxic dust, food, ceramics, shipbuilding, agriculture, biological (viruses, bacteria...).

CE EN149:2001 Auto-filter masks for particles.



## 2288-M104 PRO

### Disposable mask FFP3 with folding exhalation valve

- Features**
- Polypropylene mask FFP3 protection factor (50XTLV) for particles, solid and liquid aerosols.
- Exhalation valve (allows the air inside the mask, reducing the accumulation of hot air and moisture inside the mask. Suitable for manual labour).
  - Adjustable aluminum nose clip with interior padding in the facial contour for better adjustment, comfort and protection (leaks towards the inside).
  - Double rubber adjustment.
  - Folding individual pack in dispenser box of 12 units (240 large box units).

**Uses and functions**

in activities with toxic particles in asbestos work toxic fibers, wood, pesticides, mining, construction, smelting, welding, metal manufacturing, pharmaceutical industry chemicals and additives in toxic dust, food, ceramics, shipyards, agriculture, biological (virus, bacteria...).

CE EN149:2001 Auto-filter masks for particles.



## 2288-M103CAE

**Disposable mask FFP2 with exhalation valve and activated carbon**

### Features

Polypropylene mask with activated carbon protection factor FFP2 (12XTLV) for particles, solid and liquid aerosols.

- Activated carbon can reduce certain types of gases and vapors in low concentration (organic decomposition gases, odors...).
- Exhalation valve (which allows the air inside the mask further, reducing the accumulation of hot air and moisture inside the mask. Suitable for manual labour).
- Adjustable aluminum nose clip with interior padding.
- Double rubber adjustment.
- Dispenser box of 10 units (200 units. big box).

### Uses and functions

in activities with low toxicity particles in woodworking, agriculture, mining, construction, smelting, welding fumes, waste collection, metal manufacturing, chemicals and additives in powder, flour, food, ceramics, laboratories, shipyards...

CE EN149:2001 Auto-filter masks for particles.



## 2288-M104CAE

**Disposable mask FFP3 with exhalation valve and activated carbon**

### Features

Polypropylene mask with activated carbon protection factor FFP3 (50XTLV) for particles, solid and liquid aerosols.

- Activated carbon can reduce certain types of gases and vapors in low concentration (organic decomposition gases, odors...).
- Extra-large exhalation valve (allows the air inside the mask, reducing the accumulation of hot air and moisture inside the mask. Recommended for manual labour).
- Adjustable aluminum nose clip with interior padding in the facial contour for better adjustment, comfort and protection (leaks towards the inside).
- Double rubber adjustment.
- Dispenser box of 5 units (100 pcs. big box).

### Uses and functions

in activities with toxic particles in work with asbestos, toxic fibers, wood, pesticides, mining, construction, smelting, welding, metal manufacturing, pharmaceuticals, chemicals and additives in toxic dust, food, ceramics, shipbuilding, fisheries, agriculture and livestock, biological (viruses, bacteria...).

CE EN149:2001 Auto-filter masks for particles.







## HALF MASKS / Respiratory protection

### 2288-SE Mod. "BREATH"

Half mask for two filters (Steelpro filters)

#### Features

Half-mask respirator made of hypoallergenic thermoplastic.

- Very comfortable, soft and light (only 85 gr.).
- Compact design allows excellent compatibility with other protective equipment (glasses, earplugs...) and an excellent fit to the face, providing comfortable and hygienic protection.
- Harness for head and neck, very comfortable and easy to use.
- Ergonomic design allows a perfect balance of weight of the filters and a wide field of vision.
- Central exhalation valve with anti-shock design.
- The filters' screw connection system facilitates assembly and disassembly of STEELPRO reusable filters.
- Available in three sizes (S, M and L) for a perfect fit in different sizes of faces.

#### Uses and functions

in all kinds of activities with risk of projections (metal, wood, pesticides, cement, stone), inorganic and organic gases and vapors (chemical industry, metal, maintenance, painting, industry, pharmaceutical...). Check filters depending on the pollutant.

CE EN140 Respiratory Protection Equipment: Half Masks.





## “BREATH” HALF MASK FILTERS

STEELPRO screw on filters for “BREATH” half mask

### 2288-FP3

#### Features

**Filter P3** (Class 3 Particles). Dust, mist and fumes.

#### Uses and functions

Handling powdered substances (cement, wood, stone, fiber, flour...), construction and quarrying (dust, sand...), mining (chlorates, cobalt, copper, quartz-silica, lead...), industry (fumes, welding, cutting aluminum, steel, oxides, caustic soda, phosphoric acid...), agriculture and gardening (sulfur and arsenic powder, spraying pesticides...), maintenance (dusting and sweeping, sanding, dusty conditions, caustic soda), work with asbestos.

CE EN143 Respiratory Protective Equipment.  
Filters for gases and mixed filters.

### 2288-FP3 CA

#### Active carbon

Active carbon reduces certain types of gases and vapours in low concentration (organically decomposing gases, annoying odors ...).

#### Features

**Filter P3** (Class 3 Particles). Dust, mist and fumes.

#### Uses and functions

Handling powdered substances (cement, wood, stone, fiber, flour...), construction and quarrying (dust, sand...), mining (chlorates, cobalt, copper, quartz-silica, lead...), industry (fumes, welding, cutting aluminum, steel, oxides, caustic soda, phosphoric acid...), agriculture and gardening (sulfur and arsenic powder, spraying pesticides...), maintenance (dusting and sweeping, sanding, dusty conditions, caustic soda), work with asbestos.

CE EN143 Respiratory Protective Equipment.  
Filters for particles.



#### FILTERS FOR PARTICLES



### 2288-FA1

#### Features

**Filter A1** (Organic Class 1 Gases and Vapors).

#### Uses and functions

Outdoor painting and decoration, manufacturing (vehicles, ships, dyes and pigments, adhesives, resins, acetates...), maintenance with presence of organic matter (odors, fishing, gasoline, ethyl alcohol...).

CE EN14387 Respiratory Protective Equipment.  
Filters for gases and mixed filters.

### 2288-FA1P3

#### Features

**Filtro A1P3** (Class 1 Organic Gases and Vapors and Class 3 Particles).

#### Uses and functions

Painting and decorating (spray paint, solvents, varnishes, resins...), manufacturing (vehicles, vessels, appliances, dyes and pigments, adhesives, food), maintenance with presence of organic mists and organic substances, industry (fumes and organic vapors, organic chemical processes mechanics...), agriculture and gardening (manure, organic manipulation, pesticides...), livestock, cleaning with solvents...

CE EN14387 Respiratory Protective Equipment.  
Filters for gases and mixed filters.

### 2288-FC

#### Features

**Filter ABEK1** (Organic and Inorganic Gases and Vapors, Class 1 Acidic and Ammonia Gases).

#### Uses and functions

Industry (electrolytic processes, organic and inorganic chemicals, hydrogen cyanide, hydrogen fluoride...), agriculture (agrochemicals...), maintenance (cleaning with acids, chlorine with ammonia, industrial maintenance, maintenance in Food...), manufacturing (chemistry, cooling equipment, appliances...), farming and gardening (organic and inorganic chemical substances, acids...).

CE EN14387 Respiratory Protective Equipment.  
Filters for gases and mixed filters.

### 2288-FCP3

#### Features

**Filter ABEK1P3** (Organic and Inorganic Gases and Vapors, Class 1 Acidic and Ammonia Gases).

#### Uses and functions

Industry (metal, smelting, organic and inorganic chemical industry, pharmaceutical...), agriculture (agrochemical products, pesticides, herbicides, spraying...), fishing (fish farms, processing...), maintenance (disinfection, domestic and industrial cleaning, sodium hypochlorite...), food industry, maintenance, manufacturing (chemicals, vessels, cars, refrigeration equipment, appliances, hydrochloric acid, nitric sulfide, sulfur...).

CE EN14387 Respiratory Protective Equipment.  
Filters for gases and mixed filters.



### 2288-PP2

**Prefilter P2**. Option for A1 gas filters (2288-FA1) and ABEK1 (2288-FC) filter. It provides protection for P2 particles, slows gas filter saturation (prevents entry of particles and dust) and is interchangeable. It fits the gas filter using holder 2288-R.

NOTE:  
The filter information is merely indicative. The end user, with the help of risk prevention, must choose the most appropriate respiratory protection based on the various factors that occur in the workplace (type of pollutant, concentration, exposure time, oxygen level...). The filter life depends on the conditions of use (exposure time, type of contaminant, pollutant type...). Replace when the filter is saturated or has lost its filtering capacity. The most common symptoms to detect when you have to change the filter are difficulty breathing and when you begin to notice the smell of the contaminant.



## 2288-MF Mod. "ANDROMEDA"

Silicone face mask (standard filters)

### Features

- Full face mask made of Class 2 silicone.
- Very comfortable, smooth and light.
- Made of hypoallergenic high quality and long lasting silicon, very easy to clean.
- Polycarbonate anti scratch and anti fog.
- Ergonomic design, allows for a perfect balance of weight of the filters and a wide field of vision.
- Adjustable harness with 5 anchor point.
- For use with normalized filters (standard) EN148-1.
- Replacement parts:
  - Polycarbonate visor
  - Harness.

### Uses and functions

in all kinds of activities with risk of projections (metal industry, construction, pesticides, wood, cement, stone, asbestos...), inorganic and organic gases and vapors (chemical industry, metal, maintenance, painting, industry, pharmaceutical, agrochemicals, cleaning industry, laboratories...).

Check filters depending on the pollutant.

CE EN136 Respiratory protection: Full face masks.  
Clase 2. General purpose full masks.

## "ANDROMEDA" FULL MASK FILTERS

STEELPRO standard screw on filters for "ANDROMEDA" full face mask

### 2288-FNC

#### Features

**Filter ABEK2** (Organic and Inorganic Gases and Vapors, Class 2 Acidic and Ammonia Gases and Class 3 Particles).

#### Uses and functions

Industry (electrolytic processes, organic and inorganic chemicals, hydrogen cyanide, hydrogen fluoride...), agriculture (agrochemicals...), maintenance (cleaning with acids, chlorine with ammonia, industrial maintenance, maintenance in Food...), manufacturing (chemistry, cooling equipment, appliances...), farming and gardening (organic and inorganic chemical substances, acids...).

CE EN14387 Respiratory Protective Equipment.  
Filters for gases and mixed filters.

### 2288-FNA2P3

#### Features

**Filter A2P3** (Class 2 Organic Gases and Vapors and Class 3 Particles).

#### Uses and functions

Painting and decorating (spray paint, solvents, varnishes, resins...), manufacturing (vehicles, vessels, appliances, dyes and pigments, adhesives, food), maintenance with presence of organic mists and organic substances, industry (fumes and organic vapors, organic chemical processes mechanics...), agriculture and gardening (manure, organic manipulation, pesticides...), livestock, cleaning with solvents...

CE EN14387 Respiratory Protective Equipment.  
Filters for gases and mixed filters.

### 2288-FNCP3

#### Features

**Filter ABEK2P3** (Organic and Inorganic Gases and Vapors, Class 1 Acidic and Ammonia Gases).

#### Uses and functions

Industry (metal, smelting, organic and inorganic chemical industry, pharmaceutical...), agriculture (agrochemical products, pesticides, herbicides, spraying...), fishing (fish farms, processing...), maintenance (disinfection, domestic and industrial cleaning, sodium hypochlorite...), food industry, maintenance, manufacturing (chemicals, vessels, cars, refrigeration equipment, appliances, hydrochloric acid, nitric sulfide, sulfuric...).

CE EN14387 Respiratory Protective Equipment.  
Filters for gases and mixed filters.

#### NOTE:

The end user, with the help of risk prevention, must choose the most appropriate respiratory protection based on the various factors that occur in the workplace (type of pollutant, concentration, exposure time, oxygen level...). The filter life depends on the conditions of use (exposure time, type of contaminant, pollutant type...). Replace when the filter is saturated or has lost its filtering capacity. The most common symptoms to detect when you have to change the filter are difficulty breathing and when you begin to notice the smell of the contaminant.











# USING EYE WASH BOTTLES

- MECHANICAL DAMAGE
- POWDER
- DUST

MINIMUM:  
1 minute



**MINOR**

- GREASE REMOVERS
- BENZENE
- etc

MINIMUM:  
2-3 minutes



**MODERATE**

- ACIDS

MINIMUM:  
3-4 minutes



**SEVERE**

See doctor



- ALKALINE SUBSTANCES
- AMMONIUM
- BLEACH

MINIMUM:  
10 minutes



**VERY SEVERE**

Medical assistance



“Remember that every second is vital”

**ALWAYS AT HAND...**

## Eyewash Bottles

### Features

sterile saline solution of sodium chloride 0.9% in different dispenser formats, for an emergency eyewash.

- Specially designed 1 litre bottle.
- Easy extraction, use and application.
- No mechanical parts.
- Disposable (safety).
- Clear instructions for a quick and easy application.
- Date of direction of use in relief (temporary blindness).
- Eye support ring that facilitates the long washing time.
- Smooth flow through 6 tiny jets (strong jets are not recommended) during 3 minutes.
- Expiry date indicating the end of the bottle's useful life.
- Rounded Base (prevents its removal and placement close to other bottles).

### Uses and functions

in all kinds of situations where eye damage may occur that require an immediate response of eyewash in seconds. Mechanical damage (dust, dirt, etc.), splashes of degreasing agents (benzene), acid splashes, alkaline substances splashes (lye, caustic soda, ammonia, lime, cement...). Chemical plants, laboratories, cleaning and maintenance, etc.

CE EN15154-4 Eyewash not connected to the Water Network

Directive 93/42/EEC ANNEX V of Medical Equipment.

EN ISO 13485 Quality Management Systems for Medical Devices.

## 2388-L124

### Pack of five one litre bottles

For fixed places of work (including wall screws). Total flow of 15 minutes per eye.



## 2388-L130

### Pack of two one litre bottles

For mobile units (trucks, ships, trains, etc.), or for wall (screws included). In protective pack (knocks, dirt, etc.). Total flow of six minutes per eye.



## 2388-L121

### Pocket eyewash bottle of 200 ml.

It allows immediate treatment due to its accessibility, before reaching another eyewash station keeping a flow of liquid, as well as alleviate blindness produced which could make it difficult to locate further assistance. Especially for work with mobility (cleaning, industrial maintenance...), which do not guarantee the proximity to the eyewash stations.



## 2388-L125

### Pocket eyewash bottle of 500 ml.

It allows an immediate eye wash even in places where eye wash stations may not be easily accessible, (cleaning vehicles, mobile maintenance...etc.). Easy to use and application by turning the green caps.

## 2388-L127

### Pack of two one litre bottles

For mobile units (trucks, ships, trains, etc.) or to wall (screws included). Total flow of 6 minutes per eye.



## 2388-L126

### Spare 1 litre bottle for eye wash stations







## 2388-DDP

### Portable decontamination shower

#### Features

Portable decontamination shower... Manufactured in high resistance PVC, it mounts and dismounts easily using simple connections, which allows its installation in less than 5 minutes. Connects to a water main, and with its 5 atomizers (and a hose) provides a water spray on the body that allows a quick, simple and cost-effective decontamination. Its two protective screens keep the effectiveness spray in the shower. Contained in a bag made of Oxford fabric for storage and transport.

- Dimensions: 2310mm (height), 861mm (width), 980mm (depth).
- Weight: 12 kg.
- Materials PVC-U and ABS.

#### Uses and functions

chemical plants, industrial, platforms, laboratories etc. where there is a risk of chemical spills that require emergency body decontamination.

CE EN15154-1 European Regulations of showers.

## 2388-LPA

### Portable eyewash

#### Features

Autonomous Portable Eyewash with 34 litres tank capacity made of High Density Polyethylene (HDPE). Gravity flow of water in the eyes for 15 minutes. Ideal for situations where the continuous flow of water is not possible. Water flow: 1.5 litres of water per minute (maximum 15 minutes). Net weight: 4.7 kg. Gross weight (with full tank): 39 kg. Assembly: On a flat surface or to anchor in the wall with the help of a stainless steel bracket (included). Top handle for easy transport.

#### Uses and functions

in all kinds of environments and where there is the possibility of making the connection to the water network. Industrial plants, chemical plants, desalination plants...

CE EN15154-1-2 European Regulations for eyewash.



### 2388-L101

#### Galvanized steel eyewash

##### Features

Eyewash with galvanized steel structure to be used in cases of splashes of harmful elements to the eyes, where the water produces a clustering effect of the noxious elements.

- Galvanized steel treated structure and tray in ABS.
- Manually activated by lever or pedal.
- Supplied by tap water in the network.
- Technical characteristics:
  - Hydraulic Pressure: 0.2 to 0.8 MPA
  - Water input: ½ inch IPS
  - Water outlet: 1 ¼ inch IPS.

##### Uses and functions

in industrial and chemical plants where the environment is not especially corrosive or saline.

CE EN15154-2 European standards for eyewash.

### 2388-L101/M

#### Wall eyewash only





## 2388-D101

### Galvanized steel shower and eyewash

#### Features

Shower-eyewash with galvanized steel structure to be used in cases of splashes of elements that are harmful to the eyes or body of the worker, whereby the water produces a clustering effect of the harmful substance.

- Steel frame with galvanized treatment.
- Manually activated by lever (shower) or pedal (eyewash).
- Supplied by tap water in the network.
- Technical characteristics:
  - Hydraulic Pressure: 0.2 to 0.8 MPA
  - Water input: ½ inch IPS
  - Water outlet: 1 ¼ inch IPS

#### Uses and functions

in industrial and chemical plants where the environment is not especially corrosive or saline.

CE EN15154-1-2 European standards for eyewash.

## 2388-D101/M

### Wall shower only





## 2388-DAI

### Stainless steel shower-eyewash

#### Features

Shower-eyewash built in galvanized steel to be used in cases of splashes of harmful elements to the eyes, where the water produces a clustering effect of the noxious elements. It is activated manually via a system of ball valves.

- Supplied by tap water in the network.
- Technical characteristics:
  - Hydraulic pressure: from 0.2 to 0.8 MPA
  - Water inlet: 1 inch IPS
  - Water outlet: 1 ¼ inch IPS

#### Uses and functions

in aggressive environments and all types of industrial environments where a material that is more resistant than galvanized steel is needed (although not recommended in marine environments).

CE EN15154-1-2 International Regulations for showers and eyewash.



## 2388-DAI+

### 316 Stainless steel shower-eyewash

#### Features

Shower-eyewash made of 316 stainless steel to be used with splashes of harmful elements on the worker's body, in which the water produces a clustering effect of the harmful substance.

- 316 steel is a special high quality steel with high resistant to corrosion. It is activated manually using ball valves.
- Eyewash is activated using a lever or pedal.
- Supplied by tap water in the network.
- Technical characteristics:
  - Hydraulic Pressure: 0.2 to 0.8 MPA
  - Water inlet 1 inch IPS
  - Water outlet: 1 ¼ inch IPS

#### Uses and functions

in highly aggressive environments, saline environments and all kinds of industrial environments where a stainless with greater resistance is needed (platforms, chemical plants, coastal water treatment plants...).

CE EN15154-1-2 International Regulations for showers and eyewash.



## 2388-MI

### Fire blanket

#### Features

Fire blanket made of fiberglass to smother small fires, preventing the arrival of oxygen.

- PVC box to hang in a prominent place on the wall and near the likely source of fire, with handle for removal.
- Technical characteristics:
  - Material: Fiberglass
  - Maximum temperature: 540°C
  - Thickness: 0.40mm
- Available in the following sizes:
  - 2388-MI0: 100x100 cm.
  - 2388-MI1: 150x100 cm.
  - 2388-MI2: 200x120 cm.
  - 2388-MI3: 200x150 cm.

#### Uses and functions

in domestic kitchens, restaurants, laboratories... to put out small fires directly on the place of ignition or if the user's clothing catches fire (not valid for welding processes).

CE EN1869 European Regulations on fire blankets.



## 2388-MS

### Manta de soldadura

#### Features

Manta de Soldadura fabricada en fibra de vidrio. Disponible en dos tamaños, 100x150 centímetros (ref. 2388-MS1) y 200x200 centímetros (ref. 2388-MS2). Presentación el bolsa individual. Temperatura de trabajo: 600°-800°C. Temperatura pico: 1.400°-1.600°C

#### Uses and functions

Las mantas para soldadura están destinadas a proteger los equipos y maquinaria frente a los procesos de soldadura y técnicas afines (chipas de soldadura, metales fundidos, escorias...). También pueden usarse como manta ignífuga (apagar pequeños fuegos en el ámbito doméstico) o como pantalla (proteger los ojos de los destellos de las chispas).

CE EN1869 Normativa europea sobre requisitos de las mantas ignífugas.

EN1094-3 Productos refractarios aislantes





Company is associated with the:

# AECOC

Association for Manufacturers  
and Distributors





Graphic Design: estudiográfico (e) jerónimofranco • Photography: Antonio José-4estudio.com - Alonso Sánchez • Printing: Pictografía



[www.marcapl.com](http://www.marcapl.com)







**begreen**

Componentes especialmente  
respetuosos con el medio  
ambiente para su fabricación.



# WORKPLACE SAFETY

equipment  
& clothing

[www.marcapl.com](http://www.marcapl.com)



## General Catalogue



Polígono Industrial "Cabezo Beaza"  
Avda. de Bruselas esq. c/ Amsterdam  
Parcela R-100 - 30353 CARTAGENA- ESPAÑA  
Tel. +34 968 501 132 / +34 968 506 630  
Fax +34 968 508 430  
[ventas@marcapl.com](mailto:ventas@marcapl.com)

