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N°T.V.A. : FR 73 528 266 547

This catalogue is printed on  
PEFC certified paper.



AGENCEPELEM 1810720635201 18311118 813970333 Crédits Photos : Cédric Dubus pour K Studio, Fotolia, iStock et Thinkstock.

## CATALOGUE 2013

Safety gloves and personal protective equipments





**FABRICE LEBON**  
Chairman

The LEBON Group has committed itself since 1973 in the personal protection of workers in their workplace. This is our commitment as a manufacturer, which allies research and innovation.

Within 3 generations, LEBON raised itself discreetly but certainly in the position of a French leader of technical gloves. A success to which we associate our employees and customers who accompany and lead us towards excellence.

Now, our international position is in keeping with the sustainable development: from the design of our products to their use in real conditions, their quality increases their lifetime. You will find in this catalogue our new range of ecological products "CLEAN PU" as well as their environmental qualities that illustrate this motivation.

*I invite you to discover the range of our products, their technical qualities and the values that drive us every day.*

Know how  
Tightness Respect  
Creativity Listening  
Expertise Reactivity  
Confidence Competitiveness

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# LEBON, PRODUCTS DRAWN FROM PASSION, FED BY VALUATION, DEVELOPED FOR PERFORMANCE.

## PASSION

Specialized manufacturer since 1973, LEBON is now a group that summons up its technicians, engineers, researchers, designers and salespeople, all of them buoyed up with the passion of their job.

## VALUATION

Thanks to their presence in the field of industry for 40 years, the LEBON teams have gained a unique appraisal and a glance beyond the required standards. Our Research and Development Department is the spearhead of this unappeased interest.

## PERFORMANCE

N°1 in France, LEBON is a leader in its field. Happy to guarantee an unequalled quality to our partner customers, we now feed the ambition to develop even more our group internationally.



## NEW ECOLOGICAL RANGE "CLEAN PU"

The protection of men naturally involves the design of products that respect the environment. The "CLEAN PU" range is in conformity with the highest German environmental requirements called TRGS 401 created in 2008 regarding the rates of residual solvents. It goes beyond all the requested standards as far as health, safety and tidiness are concerned.



**2012**

First range of ecological products "CLEAN PU"

**2012**

Number 1 in France in the field of technical gloves

**2008**

2<sup>nd</sup> high tech site in India

**2003**

ISO 9001 certification

**2000**

Production site in India

**1997**

Production site in Poland

ISO 9002 certification

**1973**

Creation of the family business LEBON

## Our 4 main business activities

From the advice to the delivery of the products in due time, LEBON is a dependable partner on which you can rely.



Research and development

### Anticipation and development

If standards are in the heart of our business, LEBON Group goes beyond them. Indeed, today's standards are only an idea of what they will become in future. Our Research and Development Department offers you from today innovative products that already go beyond the scope of your duties.



Sales Department

### Advise and follow up

The creation of a product consists above all in meeting the requirements of industry. It is essential to listen to our customers' requests during our process of development and advice. Indeed, we look for the ideal answer to give you with your collaboration. Our sales advisors are real technicians who will listen to you and assist you to start a real partnership.



Production

### Production and management

To manufacture implies the perfect command of the production line, technology and materials. As a manufacturer of gloves since 1973, we perfectly know the production's requirements. The LEBON Group derives its strength from its 4 production sites, research laboratory and experience and offers you the best in terms of quality/price/performance.



Logistics

### Control and coordination

The area of logistics is part of our job. Our logistic department brings everything into operation to guarantee the delivery of our products in due time and thus ensure our partners' satisfaction.



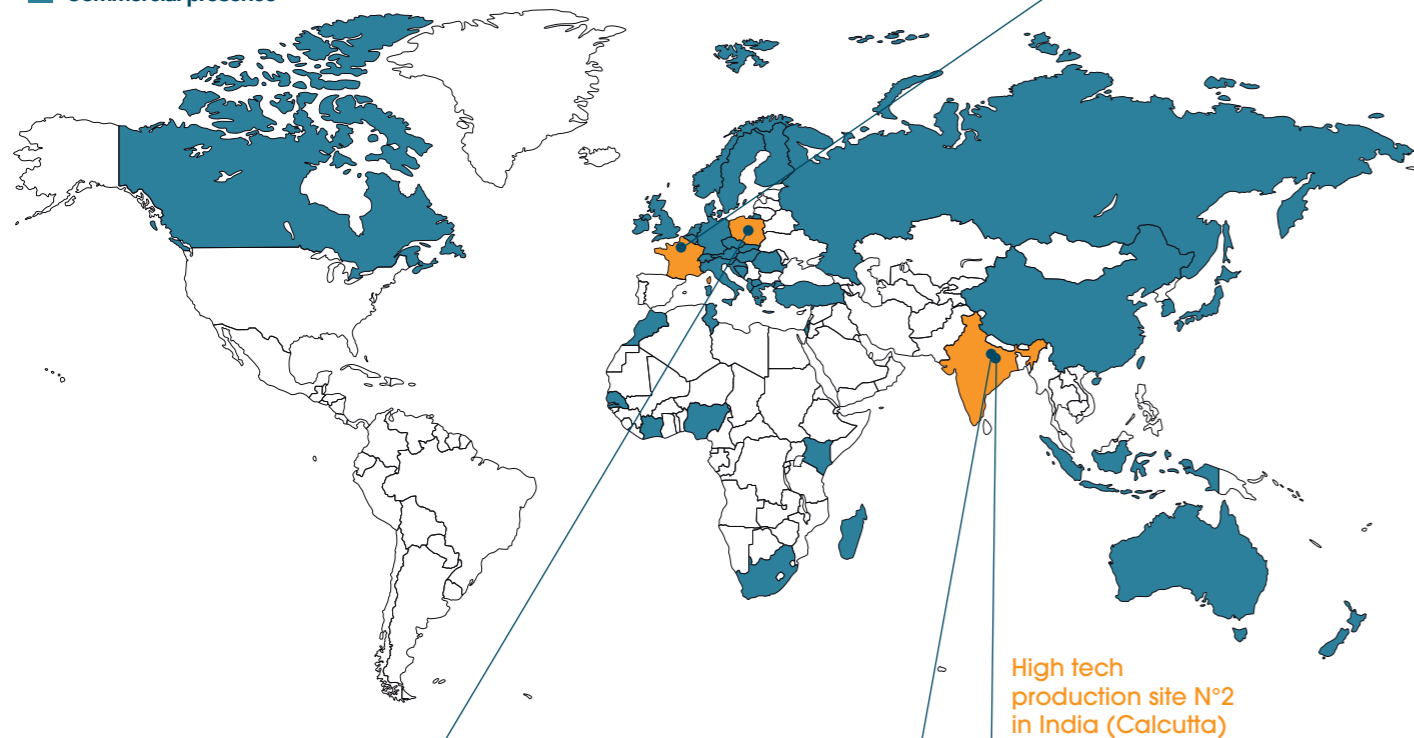
# An international Group



Our international influence gives us a total control of our costs and a flexibility in our production from which you directly take advantage. We also have an open-mindedness that enables us to anticipate and understand the industry's movements.

- Plant set up
- Commercial presence

Head office and production site in France (Somain)



Production site in Poland



Production site N°1 in India (Calcutta)



High tech production site N°2 in India (Calcutta)



## THEY TRUST US

- AGC
- AIR France
- ARC INTERNATIONAL
- ARCELOR MITTAL
- EDF / ERDF
- HUTCHINSON
- LAND ROVER
- OI
- OPEL
- PILKINGTON
- PSA
- RENAULT
- RIO TINTO
- SAFRAN
- SAINT GOBAIN
- SNCF
- TATA STEEL
- THYSSENKRUPP
- TOYOTA
- VALLOUREC MANNESMAN

## KEY FIGURES

- **12 millions** pairs of gloves sold per year
- **4 high tech** production sites
- **400 machines**
- **1 high tech laboratory** for Research and Development
- **3 millions** pairs of gloves available in stock
- **ISO 9001 certified company**
- Turn over of the group in 2012: **28 millions euros**

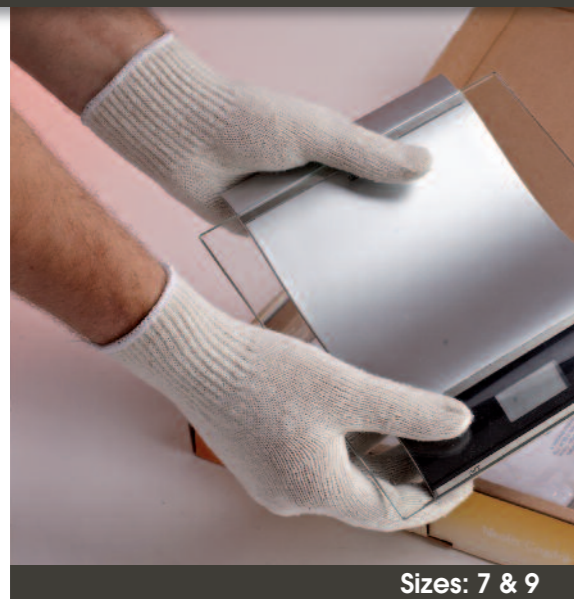


# GLOVES

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- Heat protection gloves ..P.58
- Cold protection gloves ...P.67

# TACTILE GLOVES

## COT / P / D



Sizes: 7 & 9

CE  
EN 420



Polyester / cotton seamless knitted glove medium weight, 10 gauge.

Specification EN 420

Dexterity:

LEVEL



+ COMFORT + DEXTERITY + AMBIDEXTROUS

CE  
EN 420

EN 388  
214X



White seamless knitted glove in 100% texturised polyamide, 13 gauge, ambidextrous, elastic wrist.

Specifications EN 388

Resistance to abrasion:

Blade cut resistance:

Tear resistance:

Puncture resistance:

LEVELS



X

Specification EN 420

Dexterity:

LEVEL



+ LINT-FREE + COMFORT + AMBIDEXTROUS

## MONO



Sizes: 7 & 9

## COT / P / PVC



Sizes: 7 & 9

CE  
EN 420



Polyester / cotton seamless knitted glove medium weight, 10 gauge with PVC dots on palm, elastic wrist.

Specification EN 420

Dexterity:

LEVEL



+ COMFORT + GRIP + DEXTERITY

CE  
EN 420

EN 388  
214X



White seamless knitted glove in 100% texturised polyamide, 13 gauge, cotton lining for the comfort, blue PVC dots on the palm, elastic wrist.

Specifications EN 388

Resistance to abrasion:

Blade cut resistance:

Tear resistance:

Puncture resistance:

LEVELS



X

Specification EN 420

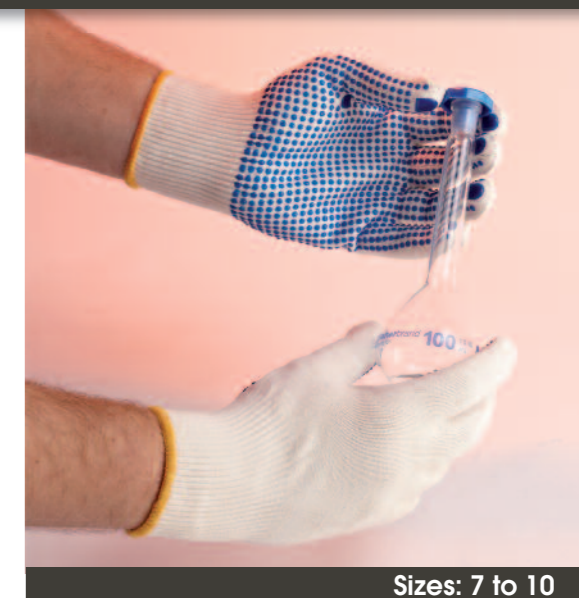
Dexterity:

LEVEL



+ GRIP + COMFORT + DEXTERITY

## MONO / COT / PVC



Sizes: 7 to 10

# TACTILE GLOVES

## ULTRAFIT®



Sizes: 6 to 12



Seamless knitted glove with elastane, in 100% black textured polyamide. 13 gauge. Grey CLEAN PU coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



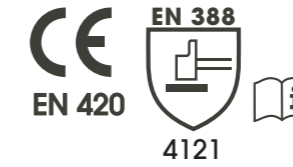
**Specification EN 420**

Dexterity:

**LEVEL**



- COMFORT
- DEXTERITY
- GRIP



## NITRIFLEX® BLACK



Sizes: 6 to 11



Seamless knitted glove in 100% black textured polyamide, 13 gauge. Black nitrile coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

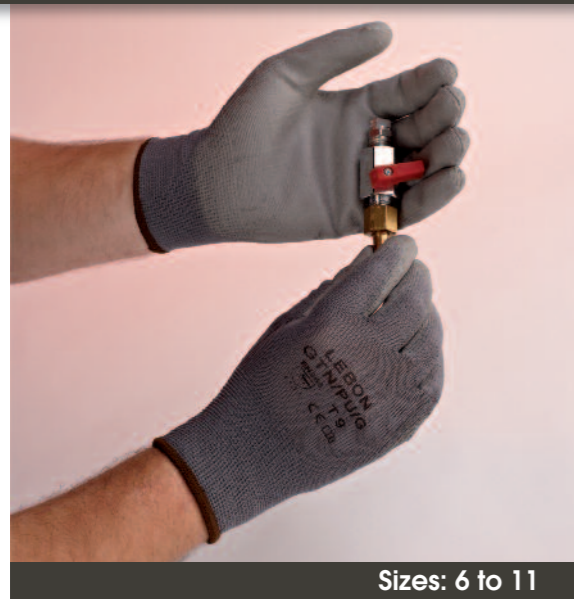
Dexterity:

**LEVEL**



- COMFORT
- SEALING
- GRIP

## GTN / PU / G



Sizes: 6 to 11



Seamless knitted glove, 13 gauge, in 100% grey synthetic thread. Grey polyurethane coating on palm and fingertips, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



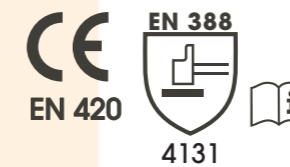
**Specification EN 420**

Dexterity:

**LEVEL**



- GRIP
- COMFORT
- DEXTERITY



## MAXITOUCH®



Sizes: 6 to 11

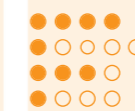


100% grey polyamide seamless knitted glove with elastane. 13 gauge. Micro-alveolate black nitrile coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



- COMFORT
- GRIP
- SEALING

# TACTILE GLOVES

## STARFLEX®



Sizes: 6 to 11



Seamless knitted glove (gauge 13) in 100% grey texturised polyamide. Black texturised PVC coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



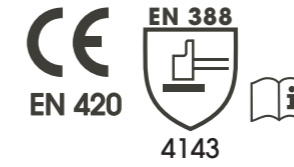
- COMFORT
- GRIP
- SEALING

# HANDLING GLOVES

## DOC / C



Sizes: 10

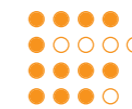


Glove (type "docker") with palm and fingertips in natural cow split leather, back in cotton canvas with reinforcement in natural cow split leather. Elastic tightening on the back. Artery protector in cow split leather. 8 cm heavy cotton canvas cuff.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**

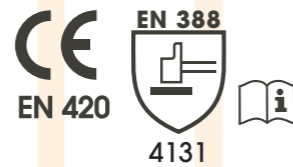


- RESISTANCE
- PROTECTION
- SOFTNESS

## STARFLEX® DA



Sizes: 6 to 11



Seamless knitted glove (gauge 13) in 100% grey texturised polyamide. 3/4 black texturised PVC coating. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**

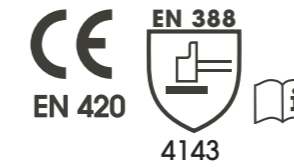


- COMFORT
- GRIP
- SEALING

## DOC / C / 27



Sizes: 9 & 10



5 fingers glove with palm in natural cow split leather and fingertips, back in blue cotton canvas. Elastic on the back.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



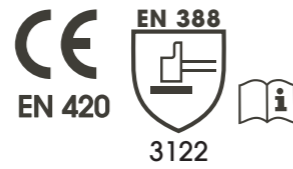
- RESISTANCE
- SOFTNESS
- REINFORCEMENT

# HANDLING GLOVES

## TACTYL



Sizes: 6 to 11



Natural goatskin grain leather glove with fingertips, back in blue 100% cotton knitted fabric, elastic on the back.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**

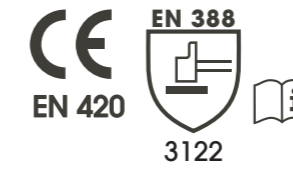


**+** SOFTNESS **+** COMFORT **+** REINFORCEMENT

## F / 27



Sizes: 8 to 12



Driving glove in natural cow grain leather, elastic on the back. Length 27 cm.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**

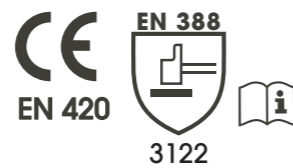


**+** SOFTNESS **+** MAINTAIN **+** COMFORT

## CH / 27 / BC



Sizes: 7 to 11



Goatskin grain leather glove, elastic wrist with artery protector.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**

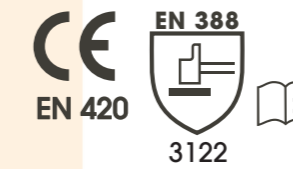


**+** SOFTNESS **+** PROTECTION **+** MAINTAIN

## FC / 27



Sizes: 8 to 11



Driving glove with a palm made of natural cow grain leather, back made of cow split leather. Elastic on back. Length 27 cm.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+** SOFTNESS **+** MAINTAIN **+** COMFORT

# HANDLING GLOVES

## FC / 27J



Sizes: 7 to 12



Yellow cow grain leather driving glove, back made of natural cow split leather. Elastic wrist with artery protector. Reinforced sewing between the thumb and index.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:



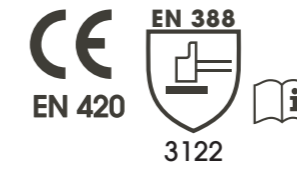
**Specification EN 420**

Dexterity:



- + SOFTNESS
- + SEALING
- + COMFORT

## HYDRO



Sizes: 7 to 11

Yellow waterproof cow grain leather glove with elastic wrist. Artery protector.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:



**Specification NF G 62 004**

Waterproofness:

LEVEL  
> 180 min

**Specification EN 420**

Dexterity:



- + SOFTNESS
- + SEALING
- + MAINTAIN



Yellow waterproof cow grain leather glove with elastic wrist on the back. Length 27 cm.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:



**Specification EN 420**

Dexterity:



- + SOFTNESS
- + SEALING
- + MAINTAIN

## HYDRO / 27



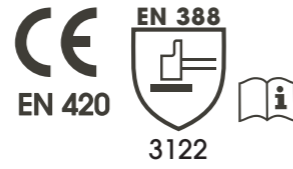
Sizes: 8 to 10

# HANDLING GLOVES

## GMS / 7 / ELC



Sizes: 8 to 11



5 fingers glove in waterproof cow grain leather, yellow colour, with scratch fastening system on the back of the glove. 10 cm natural cow split leather cuff.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**

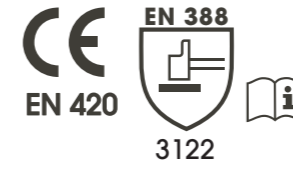


- + SOFTNESS
- + SEALING
- + ADJUSTEMENT

## FCM15



Size: 10



5 fingers glove with palm in natural cow grain leather, back in cow split leather. 15 cm natural cow split leather cuff.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**

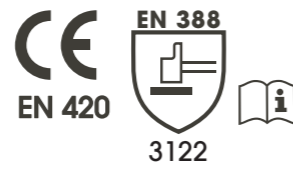


- + SOFTNESS
- + PROTECTION
- + COMFORT

## TAC / F / MIT / R



Sizes: 7 to 10



Mitten in natural cow grain leather with palm reinforcement in foam, back in blue fabric 100% cotton. Elastic wrist with scratch fastening system.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**

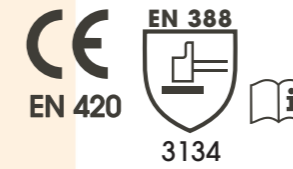


- + SOFTNESS
- + REINFORCEMENT
- + ADJUSTEMENT

## FDP / N



Size: 10

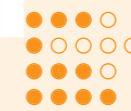


Glove with a palm reinforcement in natural cow grain leather, back in cow split leather. 15 cm cotton canvas cuff.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



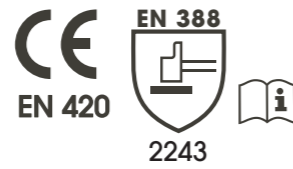
- + SOFTNESS
- + REINFORCEMENT
- + COMFORT

# CUT PROTECTION GLOVES LEVEL 2

## 10G / PC / L100



Sizes: 7 & 9



White polyamide seamless knitted glove with cotton inside for the comfort, 10 gauge, knitted wrist 10 cm.

**Specifications EN 388**

Resistance to abrasion:	●●○○
Blade cut resistance:	●●○○○
Tear resistance:	●●●●●
Puncture resistance:	●●○○

**Specification EN 420**

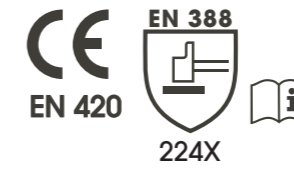
Dexterity:	●●●●●
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**+** COMFORT **+** DEXTERITY **+** AMBIDEXTROUS

## POLYFLEX / B



Sizes: 6 to 10



Navy blue seamless knitted glove in 100% texturised polyamide, 10 gauge, with cotton inside for the comfort, blue PVC dots on the palm, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:	●●○○
Blade cut resistance:	●●○○○
Tear resistance:	●●●●●
Puncture resistance:	X

**Specification EN 420**

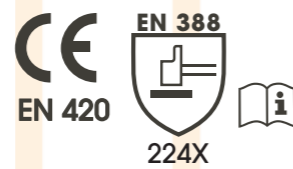
Dexterity:	●●●●●
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**+** DEXTERITY **+** GRIP **+** COMFORT

## POLYFLEX / LIGHT



Sizes: 7 to 10



White seamless knitted glove in 100% texturised polyamide, 10 gauge, with cotton inside for the comfort, green PVC dots on the palm, elastic wrist.

**Specifications EN 388**

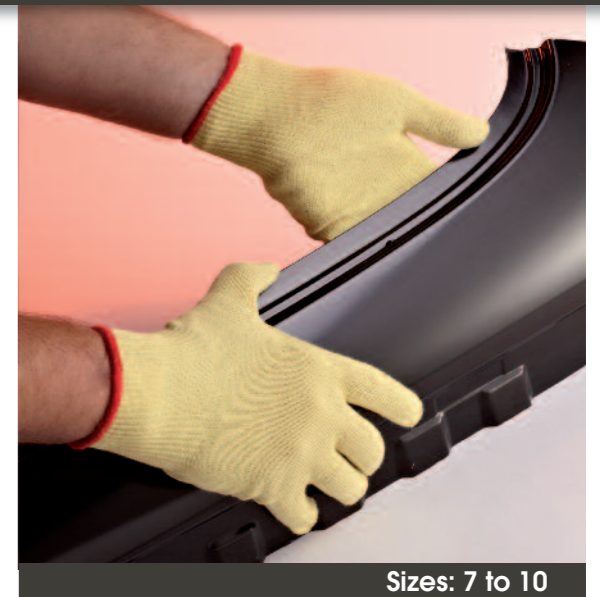
Resistance to abrasion:	●●○○
Blade cut resistance:	●●○○○
Tear resistance:	●●●●●
Puncture resistance:	X

**Specification EN 420**

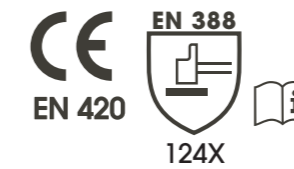
Dexterity:	●●●●●
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**+** DEXTERITY **+** GRIP **+** COMFORT

## GTA15 T



Sizes: 7 to 10



100% para-aramid seamless knitted glove, light weight, 13 gauge. Ambidextrous, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:	●○○○
Blade cut resistance:	●●○○○
Tear resistance:	●●●●●
Puncture resistance:	X

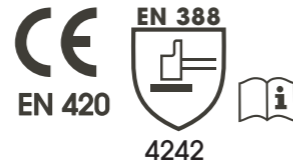
**Specification EN 420**

Dexterity:	●●●●●
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**+** COMFORT **+** DEXTERITY **+** AMBIDEXTROUS

# CUT PROTECTION GLOVES LEVEL 2

## EXTRAFIT®



Sizes: 6 to 12

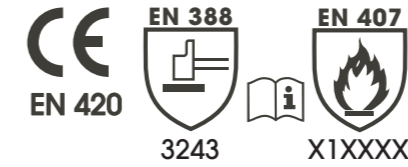


100 % blue polyamide, 10 gauge, seamless knitted glove, with elastane, grey CLEAN PU polyurethane coating on palm and fingertips, elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●○○
Tear resistance:	●●●●
Puncture resistance:	●●○○

<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

- + DEXTERITY
- + GRIP
- + COMFORT



Seamless knitted glove, 10 gauge, 100% blue textured polyamide and cotton inside for the comfort. Natural cow grain leather reinforcement in palm and between the thumb and index. 10 cm elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●○○
Tear resistance:	●●●●
Puncture resistance:	●●○○

<b>Specifications EN 407</b>	LEVELS
Burning behaviour:	X
Contact heat:	●○○○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

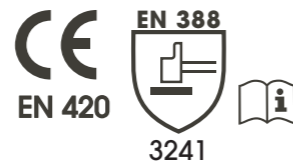
- + COMFORT
- + SOFTNESS
- + DEXTERITY

## DRIVER / SUP



Sizes: 7 to 11

## CENTAURE

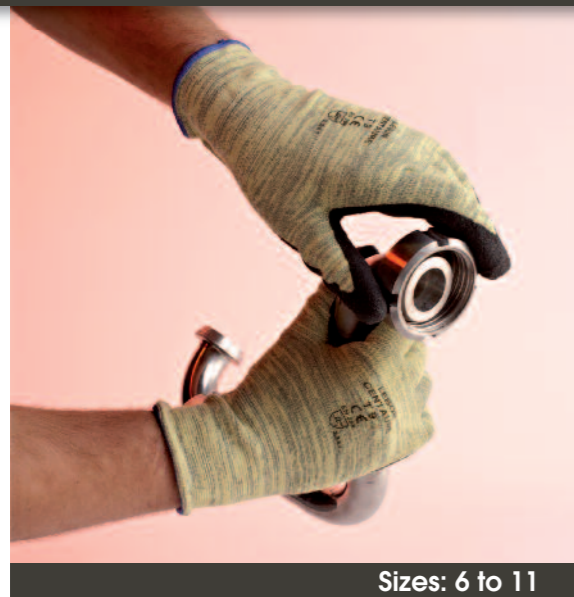


100% para-aramid/grey polyamid seamless knitted glove, 13 gauge, black PVC coating on the palm and fingertips, elastic wrist.

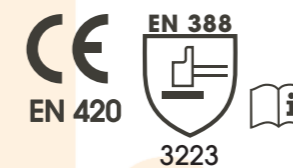
<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●○○
Tear resistance:	●●●●
Puncture resistance:	●○○○

<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

- + RESISTANCE
- + SEALING
- + GRIP



Sizes: 6 to 11



Yellow waterproof cow grain leather glove, totally lined with para-aramid / cotton cloth, length 27 cm. 100% para-aramid sewing thread.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●○○
Tear resistance:	●●○○
Puncture resistance:	●●○○

- + SOFTNESS
- + SEALING
- + COMFORT

## HJDK27 / NEW



Sizes: 9 to 11

# CUT PROTECTION GLOVES LEVEL 3

## P / 7GG / N / PVC



Sizes: 7 & 9



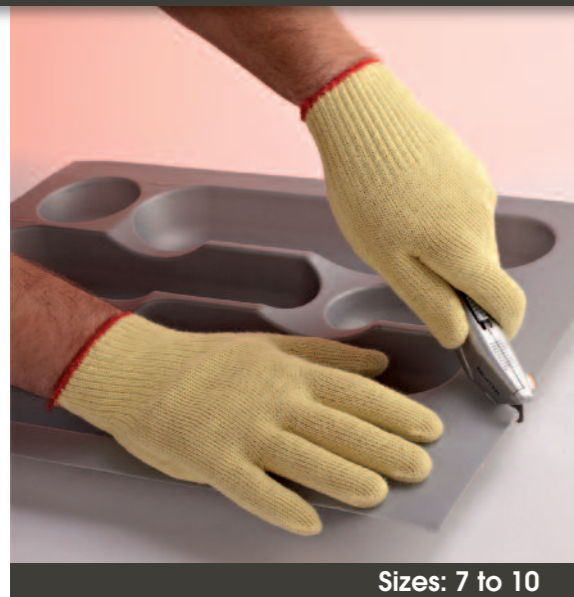
Seamless knitted glove (gauge 7) in 100% grey textured polyamide, with cotton inside for the comfort, PVC dots on the palm, elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●○●
Tear resistance:	●●●●●
Puncture resistance:	X

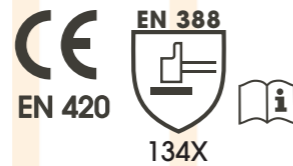
<b>Specifications EN 407</b>	LEVELS
Burning behaviour:	X
Contact heat:	●●●○●
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ GRIP ⊕ COMFORT

## GTA 10T



Sizes: 7 to 10



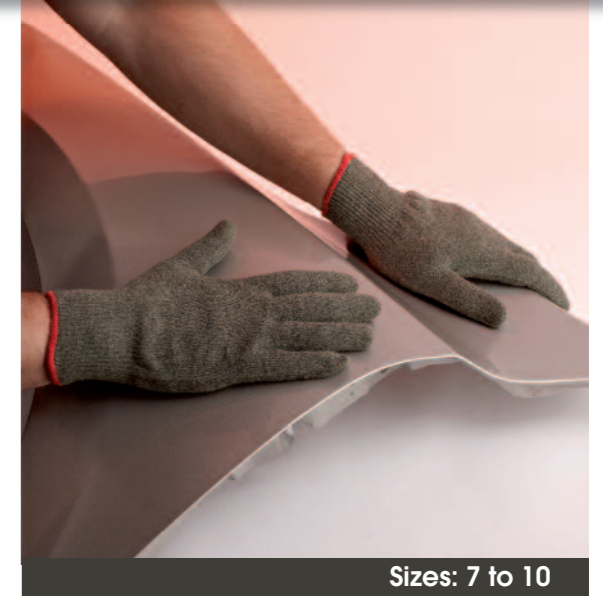
100% para-aramid seamless knitted glove medium weight, 10 gauge, ambidextrous, elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●○○○●
Blade cut resistance:	●●●○●
Tear resistance:	●●●●●
Puncture resistance:	X

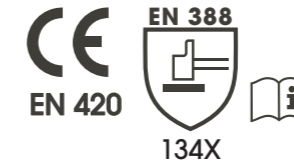
<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

⊕ DEXTERITY ⊕ AMBIDEXTROUS ⊕ COMFORT

## COMFORT® LIGHT



Sizes: 7 to 10



Para-aramid seamless knitted glove, 13 gauge, green colour, ambidextrous, elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●○○○●
Blade cut resistance:	●●●○●
Tear resistance:	●●●●●
Puncture resistance:	X

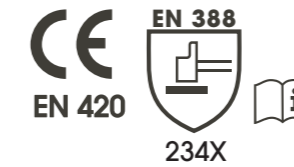
<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

⊕ DEXTERITY ⊕ COMFORT ⊕ AMBIDEXTROUS

## COMFORT® SAFE



Sizes: 7 & 9



Para-aramid seamless knitted glove, 10 gauge, green colour, ambidextrous, elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●○○●
Blade cut resistance:	●●●○●
Tear resistance:	●●●●●
Puncture resistance:	X

<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

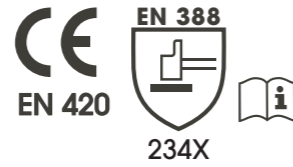
⊕ COMFORT ⊕ DEXTERITY ⊕ AMBIDEXTROUS

# CUT PROTECTION GLOVES LEVEL 3

## GTA 10T / PVC



Sizes: 7 to 10



100% para-aramid seamless knitted glove medium weight, 10 gauge, with black PVC dots on palm, elastic wrist.

**Specifications EN 388**  
 Resistance to abrasion: ●●○○  
 Blade cut resistance: ●●●○○  
 Tear resistance: ●●●●  
 Puncture resistance: X

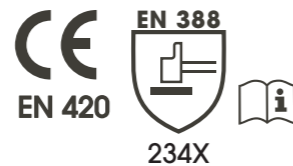
**Specification EN 420**  
 Dexterity: ●●●●●

**+** COMFORT **+** DEXTERITY **+** GRIP

## GTA 10T / ERGO



Sizes: 9 & 10



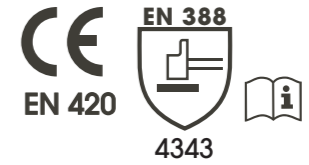
100% para-aramid knitted seamless glove medium weight, 10 gauge, with red ergonomic PVC coating in palm, elastic wrist.

**Specifications EN 388**  
 Resistance to abrasion: ●●○○  
 Blade cut resistance: ●●●○○  
 Tear resistance: ●●●●  
 Puncture resistance: X

**Specification EN 420**  
 Dexterity: ●●●●●

**+** RESISTANCE **+** GRIP **+** COMFORT

## POWERFIT®



Sizes: 6 to 12



Seamless knitted glove (gauge 13) in 100% high density polyethylene filament with elastane. Grey CLEAN PU coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**  
 Resistance to abrasion: ●●●●  
 Blade cut resistance: ●●●○○  
 Tear resistance: ●●●●  
 Puncture resistance: ●●○○

**Specification EN 420**  
 Dexterity: ●●●●●

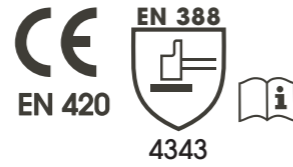
**+** DEXTERITY **+** RESISTANCE **+** COMFORT

# CUT PROTECTION GLOVES LEVEL 3

## POWERCLEAN®



Sizes: 6 to 12



Seamless knitted glove (gauge 13) with elastane, in ARGIOPEX® yarn and blue polyamide. Grey CLEAN PU coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



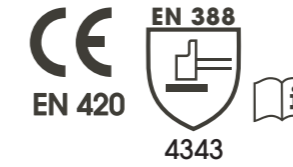
**Specification EN 420**

Dexterity:

**LEVEL**



- + GRIP
- + DEXTERITY
- + COMFORT

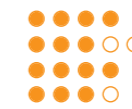


Seamless knitted glove with elastane (gauge 13), in 100% polyethylene filament and grey texturised polyamide yarn. Black foam nitrile coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



- + RESISTANCE
- + GRIP
- + SEALING

## VEGA®

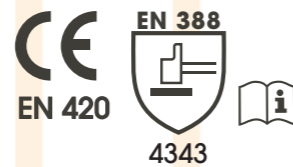


Sizes: 6 to 11

## GTD / PU / S



Sizes: 6 to 12



High density polyethylene and elastane seamless knitted glove, 13 gauge, with a white polyurethane coating on the palm and fingertips, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



- + DEXTERITY
- + GRIP
- + COMFORT

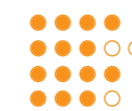


3/4 coated glove with black foam nitrile on a seamless knitted liner (gauge 13) in 100% high density polyethylene filament and grey texturised polyamide thread. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



- + RESISTANCE
- + GRIP
- + SEALING

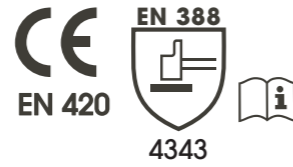
## VEGA® D



Sizes: 6 to 11

# CUT PROTECTION GLOVES LEVEL 3

## VEGA® 27

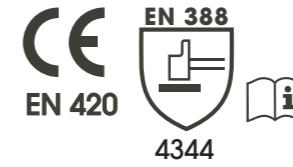


Glove fully coated with black foam nitrile on a seamless knitted liner (gauge 13) in 100% high density polyethylene filament and grey textured polyamide thread. Length: 27 cm.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●○
Tear resistance:	●●●●○
Puncture resistance:	●●●●○
<b>Specification EN 420</b>	<b>LEVEL</b>
Dexterity:	●●●●●

- + RESISTANCE
- + GRIP
- + SEALING

## GRC10

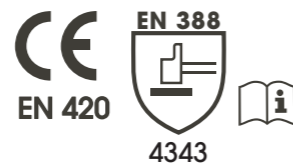


100% para-aramid seamless knitted glove, 10 gauge. Coating on palm and reinforcement between thumb and index finger in natural cow split leather. Elastic wrist.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●○
Tear resistance:	●●●●○
Puncture resistance:	●●●●○

- + SOFTNESS
- + RESISTANCE
- + COMFORT

## VEGA® TE / MT7

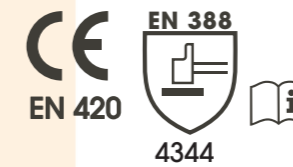


Glove fully coated with black foam nitrile on a seamless knitted liner (gauge 13) in 100% high density polyethylene filament and grey textured polyamide thread. Elastic wrist. Canvas cuff of 7 cm.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●○
Tear resistance:	●●●●○
Puncture resistance:	●●●●○
<b>Specification EN 420</b>	<b>LEVEL</b>
Dexterity:	●●●●●

- + RESISTANCE
- + GRIP
- + SEALING

## GRC10 / O



100% para-aramid seamless knitted glove, medium weight, 10 gauge with cow split leather reinforcement and fingertips. Coating on palm and reinforcement between thumb and index finger in natural cow split leather. Reinforcement on fingertips. Elastic wrist.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●○
Tear resistance:	●●●●○
Puncture resistance:	●●●●○

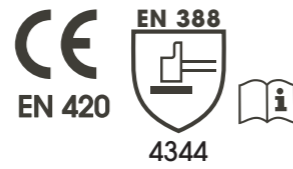
- + SOFTNESS
- + RESISTANCE
- + REINFORCEMENT

# CUT PROTECTION GLOVES LEVEL 3

## GRC / 400 / L3



Sizes: 7 to 11



100% para-aramid / texturised polyamide seamless knitted glove, 10 gauge, with natural cow split leather in palm and fourchettes. 12 cm elastic wrist. First phalanx of index finger and thumb without leather. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



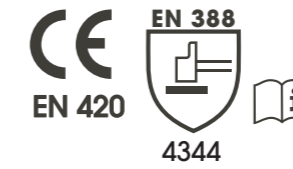
**Specification EN 420**

Dexterity:

**LEVEL**



**+ RESISTANCE + DEXTERITY + PROTECTION**

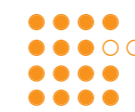


5 fingers cow split leather glove with latex wrist and cow split leather artery protector. Fully lined with a 10 gauge para-aramid seamless knitted glove. Length 30 cm. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+ RESISTANCE + PROTECTION + STABILITY**

## COLOSSUS®

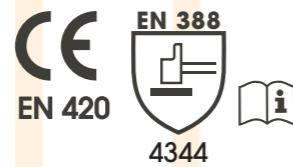


Sizes: 8 to 11

## DYN400 / H



Sizes: 8 to 11



Seamless knitted glove in high density polyethylene / polyamide thread and 100 % blue texturised polyamide thread. 10 gauge. Coating on palm and artery protector in waterproof cow split leather and fourchettes. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+ RESISTANCE + SEALING + COMFORT**

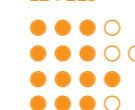


5 fingers glove in natural cow grain leather, lined with 100% para-aramid fleece, back and back of the thumb in 100% para-aramid fleece, elastic on the back, 10 cm cuff in 100% cotton canvas. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+ SOFTNESS + RESISTANCE + COMFORT**

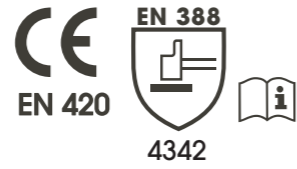
## GTFN / ARC



Sizes: 9 & 10

# CUT PROTECTION GLOVES LEVEL 3

## PLEIADES® GG



Goatskin grain leather glove, elastic wrist with artery protector, fully lined with a seamless knitted glove (gauge 13) in 100% high density polyethylene / polyamide thread and 100% grey texturised polyamide thread. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

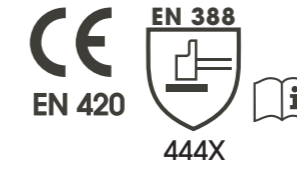
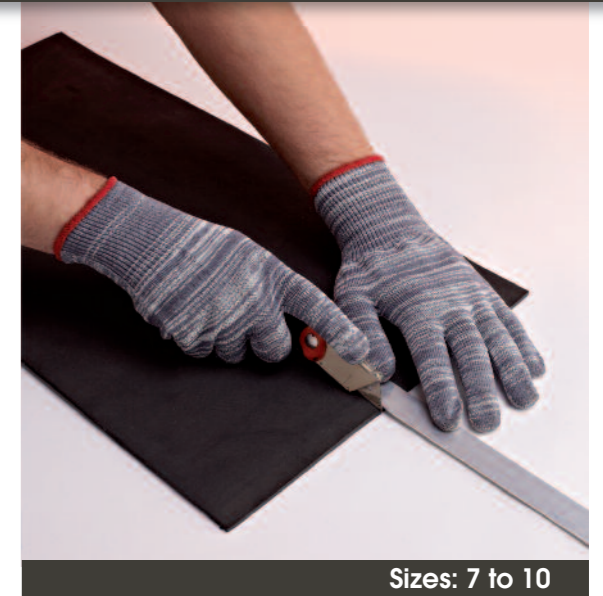
**LEVELS**



- + SOFTNESS
- + COMFORT
- + STABILITY

# CUT PROTECTION GLOVES LEVEL 4

## GTFHT / 13 / G

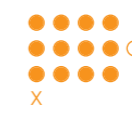


Grey high tenacity fibers / polyamide seamless knitted glove, 13 gauge, ambidextrous, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

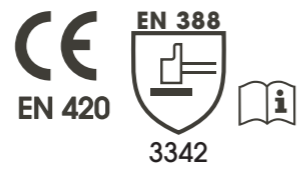
Dexterity:

**LEVEL**



- + DEXTERITY
- + COMFORT
- + AMBIDEXTROUS

## CASSIOPEE® 26



Glove made in yellow cow grain leather, elastic wrist with artery protector, totally lined with a 100% para-aramid knitted 10 gauge glove. 100% para-aramid sewing thread.

**Specifications EN 388**

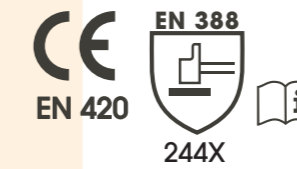
Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



- + SOFTNESS
- + SEALING
- + STABILITY

## GTFHT / 13 / PVC

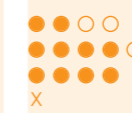


High tenacity fibers / polyamide seamless knitted glove, white colour, 13 gauge with blue PVC dots on the palm, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



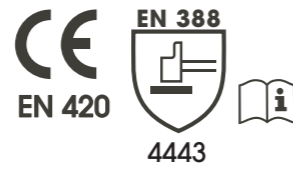
- + DEXTERITY
- + GRIP
- + COMFORT

# CUT PROTECTION GLOVES LEVEL 4

## GTD / PU / G / S



Sizes: 6 to 12



High density polyethylene and grey polyamide seamless knitted glove with elastane, 10 gauge, CLEAN PU coating, grey polyurethane on palm and fingertips, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



**+** GRIP **+** RESISTANCE **+** DEXTERITY



## GTD / PU / G / S / LW / RP



Sizes: 6 to 12



High density polyethylene and grey polyamide seamless knitted glove with elastane, 13 gauge, CLEAN PU coating, grey polyurethane coating on palm and fingertips, stitched reinforcement between thumb and index, 12 cm elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



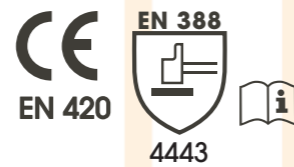
**+** RESISTANCE **+** REINFORCEMENT **+** PROTECTION

## GTD / PU / G / S / RP



Sizes: 6 to 12

**INNOVATION 2013**



High density polyethylene and grey polyamide seamless knitted glove with elastane, 10 gauge, CLEAN PU coating, grey polyurethane on palm and fingertips. Stitched reinforcement between thumb and index. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

**LEVEL**



**+** RESISTANCE **+** REINFORCEMENT **+** DEXTERITY



## POWERCUT®



Sizes: 6 to 12



Seamless knitted glove (gauge 13) with elastane, in 100% high density polyethylene filament and 100% white texturised polyamide. Grey CLEAN PU coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

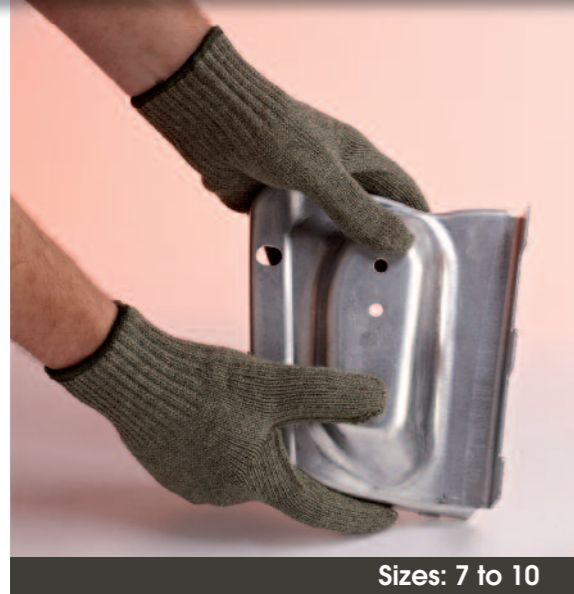
**LEVEL**



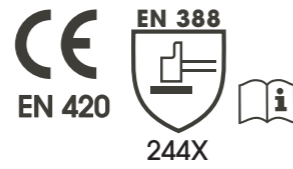
**+** RESISTANCE **+** DEXTERITY **+** GRIP

# CUT PROTECTION GLOVES LEVEL 4

## COMFORT®MAX



Sizes: 7 to 10

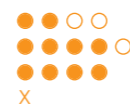


Para-aramid seamless knitted glove, 7 gauge, green colour, elastic wrist. Stitched reinforcement between thumb and index. Elastic wrist.

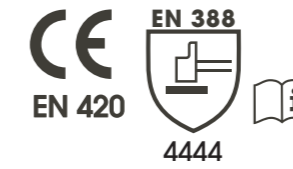
**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



NEW THREAD + REINFORCEMENT + AMBIDEXTROUS

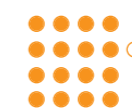


Seamless knitted glove (gauge 7) in 100% para-aramid thread. Coating on palm and reinforcement between thumb and index in natural cow split leather. Reinforcement on fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



SOFTNESS + RESISTANCE + REINFORCEMENT

## WARRIOR / O / NEW

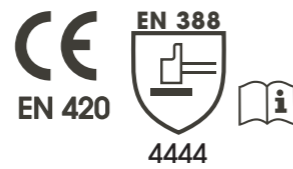


Sizes: 7 to 10

## COMFORT®TECH



Sizes: 7 to 10



Para-aramid seamless knitted glove, 7 gauge, green colour. Coating on palm and reinforcement between thumb and index in natural cow split leather. Reinforcement on fingertips. Elastic wrist.

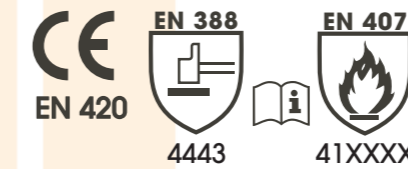
**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



NEW THREAD + RESISTANCE + REINFORCEMENT

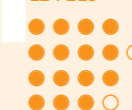


5 fingers glove and thumb in yellow waterproof leather lined with fleece in 100% para-aramid, back in 100% para-aramid fleece, elastic on the back. Reinforcement on fingertips. 10 cm cuff in 100% para-aramid fleece lined with cotton canvas. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

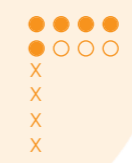
**LEVELS**



**Specifications EN 407**

Burning behaviour:  
Contact heat:  
Convective heat:  
Radiant heat:  
Small splashes of molten metal:  
Large splashes of molten metal:

**LEVELS**



RESISTANCE + SEALING + PROTECTION

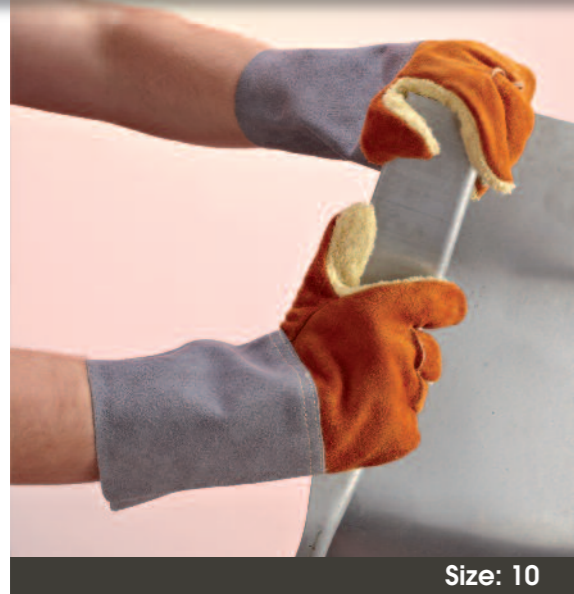
## HYDROPLUS



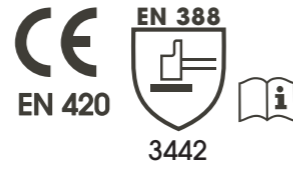
Sizes: 8 to 11

# CUT PROTECTION GLOVES LEVEL 4

## GKB



Size: 10

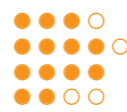


5 fingers glove, palm in 100% para-aramid terry cloth, back of glove and back of thumb in heatproof split leather. 15 cm cow split leather cuff. 100% para-aramid sewing thread.

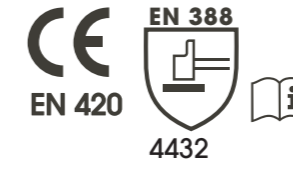
**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+** RESISTANCE **+** PROTECTION **+** SOFTNESS



Glove in 100% para-aramid / cotton fleece with a 3/4 blue nitrile coating. Fabric cuff of 10 cm with nitrile coating.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+** SEALING **+** RESISTANCE **+** REINFORCEMENT

## NITRAPLUS

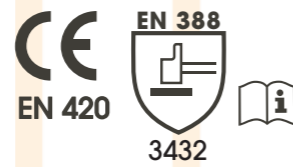


Sizes: 8 to 10

## SEC-UGO / R



Sizes: 9 & 10



5 fingers glove in 100% para-aramid fleece, blue nitrile coating. Back in 100% para-aramid fleece. Reinforcement between thumb and index. Elastic on the back. 10 cm cuff in 100% para-aramid fleece, blue nitrile coating. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+** GRIP **+** RESISTANCE **+** REINFORCEMENT



3/4 coated glove with black latex coating lined with 100% para-aramid / cotton fleece. Elastic on the back. 12 cm cuff in heavy cotton canvas.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

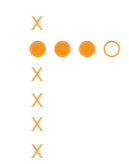
**LEVELS**



**Specifications EN 407**

Burning behaviour:  
Contact heat:  
Convective heat:  
Radiant heat:  
Small splashes of molten metal:  
Large splashes of molten metal:

**LEVELS**



**+** GRIP **+** SEALING **+** RESISTANCE

## TOPGRIP



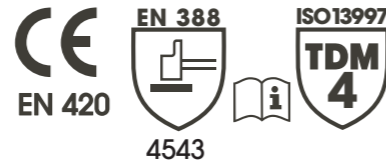
Sizes: 8 to 10

# CUT PROTECTION GLOVES LEVEL 5

## OMEGA® RP



Sizes: 6 to 12



Seamless knitted glove (gauge 13) with elastane in 100% high density polyethylene filament, mineral filament and 100% grey texturised polyamide thread. Grey CLEAN PU coating on palm and fingertips, reinforcement between thumb and index. Elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●●
Tear resistance:	●●●●●
Puncture resistance:	●●●●○
<b>Specification NF EN ISO 13997</b>	LEVEL
Blade cut resistance:	<b>TDM4</b>
<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

**+** COMFORT **+** RESISTANCE **+** REINFORCEMENT

## OMEGA® LW / RP



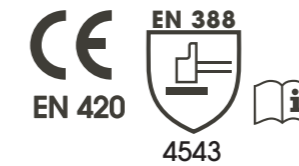
Sizes: 6 to 12



Seamless knitted glove (gauge 13) with elastane in 100% high density polyethylene filament, mineral filament and 100% grey texturised polyamide thread. Grey CLEAN PU coating on palm and fingertips, reinforcement between thumb and index finger, 12 cm elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●●
Tear resistance:	●●●●●
Puncture resistance:	●●●●○
<b>Specification NF EN ISO 13997</b>	NIVEAU
Blade cut resistance:	<b>TDM4</b>
<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

**+** PROTECTION **+** RESISTANCE **+** REINFORCEMENT



Seamless knitted glove with elastane in ARGIOPEX® PLUS thread and 100% green texturised polyamide, 13 gauge, grey CLEAN PU coating on palm and fingertips. Elastic wrist.

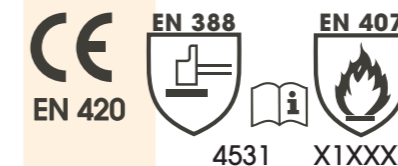
<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●●
Tear resistance:	●●●●●
Puncture resistance:	●●●●○
<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

**+** GRIP **+** DEXTERITY **+** COMFORT

## MASTERCLEAN®



Sizes: 6 to 12



Seamless knitted glove (gauge 13) with elastane in 100% para-aramid thread, 100% grey texturised polyamide thread and glass fiber. Grey CLEAN PU coating on palm and fingertips. Elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●●
Tear resistance:	●●●●●
Puncture resistance:	●●●●○
<b>Specifications EN 407</b>	LEVELS
Burning behaviour:	X
Contact heat:	●○○○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X
<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

**+** RESISTANCE **+** GRIP **+** COMFORT

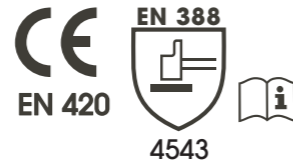
## POSEIDON®



Sizes: 6 to 12

# CUT PROTECTION GLOVES LEVEL 5

## OCTOPUS®



Seamless knitted glove (gauge 13) with elastane in 100% polyethylene filament, mineral filament and 100% grey texturised polyamide thread. Micro-alveolate black nitrile coating on palm and fingertips, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

Dexterity:

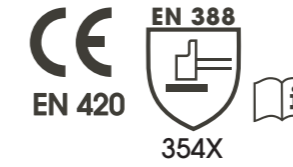
**LEVEL**



**+ COMFORT + GRIP + SEALING**



Sizes: 7 to 11

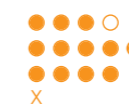


Seamless knitted glove (gauge 10) in high density polyethylene, high tenacity filament and 100% grey texturised polyamide. Ambidextrous. Stitched reinforcement between thumb and index. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification EN 420**

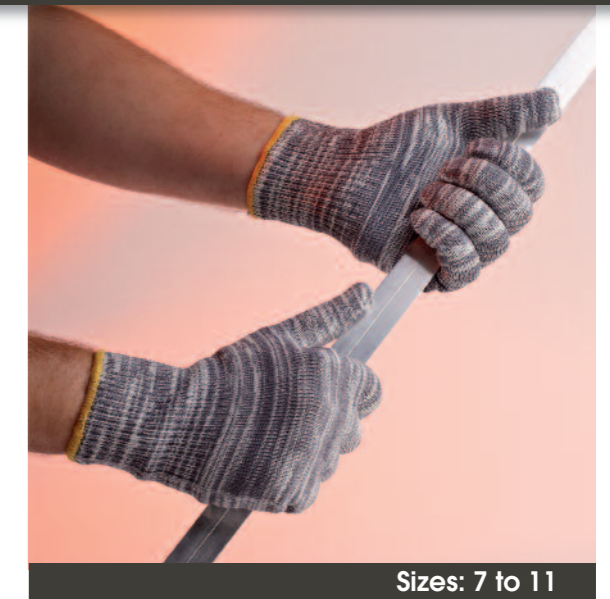
Dexterity:

**LEVEL**



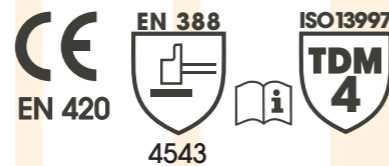
**+ RESISTANCE + REINFORCEMENT + AMBIDEXTROUS**

## VSI 01 / DP / 25



Sizes: 7 to 11

## OCTOPUS® DA



Seamless knitted glove (gauge 13) with elastane in 100% high density polyethylene filament, mineral filament and 100% grey texturised polyamide thread. First 3/4 coating in blue waterproof nitrile, second coating on the palm in micro-alveolate black nitrile, elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**Specification NF EN ISO 13997**

Blade cut resistance:

**LEVEL**

TDM4

**+ RESISTANCE + GRIP + SEALING**



Sizes: 7 to 11



Seamless knitted glove (gauge 10) in high density polyethylene thread, high tenacity thread and 100% grey texturised polyamide. Cow split leather on palm and fingertips. Elastic wrist. 7 cm cotton canvas cuff.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+ SOFTNESS + RESISTANCE + REINFORCEMENT**

## PROTECPLUS / M



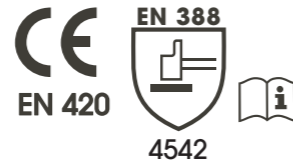
Sizes: 8 to 11

# CUT PROTECTION GLOVES LEVEL 5

## VSI 01 / F / LW / PVC



Sizes: 8 to 11



Seamless knitted glove (gauge 10) in high tenacity cut resistant fiber and 100% grey texturised polyamide. Coating on palm and reinforcement between thumb and index in natural cow grain leather. 12 cm elastic wrist. Reinforcement on the back in orange PVC dots.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



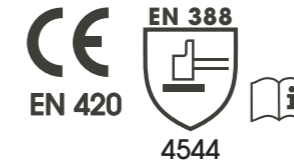
**Specification EN 420**

Dexterity:

**LEVEL**



- + SOFTNESS
- + COMFORT
- + PROTECTION

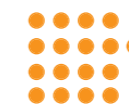


5 fingers natural cow split leather glove, back in heatproof split leather. Glove lined with 100% para-aramid and high tenacity fiber seamless knitted glove, 10 gauge. Cow split leather cuff of 15 cm, 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



- + RESISTANCE
- + PROTECTION
- + STABILITY

## GT350

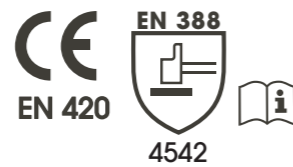


Sizes: 10

## VSI01 / FMT / 20 / PVC



Sizes: 8 to 11

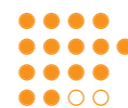


Seamless knitted glove (gauge 10) in high tenacity cut resistant fiber and 100% grey texturised polyamide. Coating on palm and reinforcement between thumb and index finger in natural cow grain leather. Heavy 100% cotton canvas cuff of 20 cm. Reinforcement on the back in orange PVC dots.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



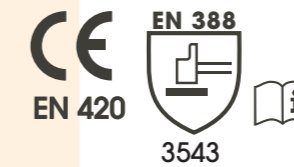
**Specification EN 420**

Dexterity:

**LEVEL**



- + SOFTNESS
- + COMFORT
- + REINFORCEMENT

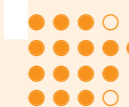


5 fingers glove in natural cow grain leather, lined with a 10 gauge para-aramid and high tenacity seamless knitted glove, reinforcement between thumb and index, back in cow split leather, 10 cm cuff in cow split leather. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



- + SOUPLESSE
- + REINFORCEMENT
- + STABILITY

## GT350 / F / HM



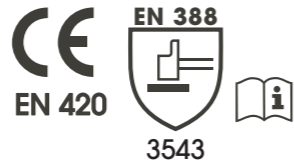
Sizes: 10

# CUT PROTECTION GLOVES LEVEL 5

## GT350 / FHP / 26



Sizes: 7 to 12

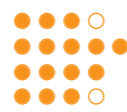


5 fingers glove in yellow cow grain leather, totally lined with a seamless 100% para-aramid and high density yarn 10 gauge glove. Elastic wrist with artery protector. 100% para-aramid sewing thread.

### Specifications EN 388

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

### LEVELS



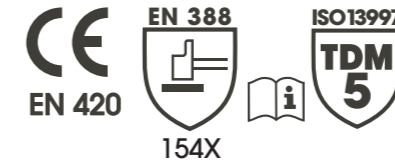
- SOFTNESS
- SEALING
- STABILITY

# CUT PROTECTION GLOVES LEVEL 5

ISO 13997



The norm ISO 13997 is a new standard which completes the norm EN 388 for the evaluation of the blade cut resistance. This norm ISO 13997, which uses the TDM test 100, is used as a new repository for the high risks of cut. Indeed, by integrating the concept of force during the test, it is more representative of the risks faced by the operators on the field.

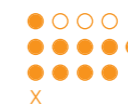


Para-aramid / inox seamless knitted glove, 13 gauge, ambidextrous, elastic wrist.

### Specifications EN 388

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

### LEVELS



### Specification NF EN ISO 13997

Blade cut resistance:

### LEVEL

TDM5

### Specification EN 420

Dexterity:

### LEVEL



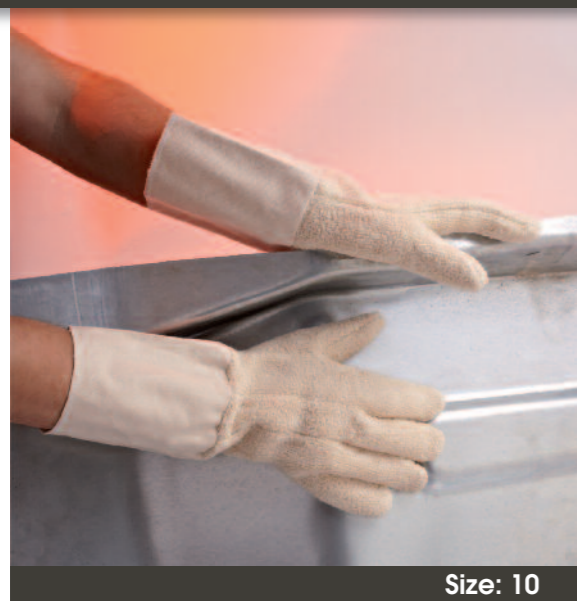
- DEXTERITY
- RESISTANCE
- AMBIDEXTROUS

## GTA15 / FRZ

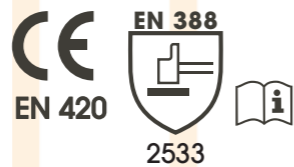


Sizes: 7 to 10

## 5DKBC15 / S



Size: 10



100% cotton terry glove, palm and thumb lined with 100% para-aramid fleece, 15 cm cotton canvas cuff. 100% para-aramid sewing thread.

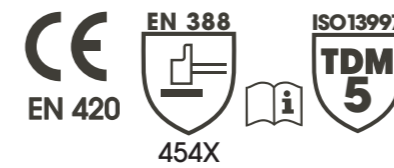
### Specifications EN 388

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

### LEVELS



- GRIP
- RESISTANCE



Seamless knitted glove (gauge 10) in double textra® / stainless steel thread. Reinforcement between thumb and index, ambidextrous, elastic wrist.

### Specifications EN 388

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

### LEVELS



### Specification NF EN ISO 13997

Blade cut resistance:

### LEVEL

TDM5

### Specification EN 420

Dexterity:

### LEVEL



- NEW THREAD
- REINFORCEMENT
- AMBIDEXTROUS



## METALFLEX® 27



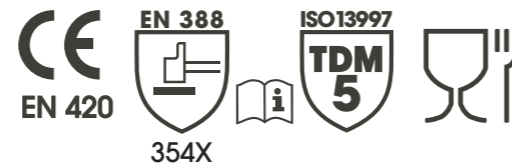
Sizes: 6 to 11

# CUT PROTECTION GLOVES LEVEL 5

ISO 13997

**POWERFOOD®**

INNOVATION 2013



Sizes: 6 to 10



Seamless knitted glove (gauge 10) in 100% high density polyethylene filament, stainless steel filaments and 100% synthetic thread, white colour. Blue elastic wrist of 10 cm.

In compliance with the European Directive EC/1935/2004 regarding food contact. The POWERFOOD® is washable till 90°C.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●●●
Tear resistance:	●●●●●
Puncture resistance:	X

<b>Specification NF EN ISO 13997</b>	LEVEL
Blade cut resistance:	TDM5

<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

RESISTANCE + AMBIDEXTROUS + PROTECTION



INNOVATION 2013

**METALFLEX® D/PVC**



Seamless knitted glove (gauge 10) in double textra® / stainless steel thread. Red PVC dots on the palm and the back of the hand. Ambidextrous, stitched reinforcement between thumb and index, elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●●●
Blade cut resistance:	X
Tear resistance:	●●●●●
Puncture resistance:	X

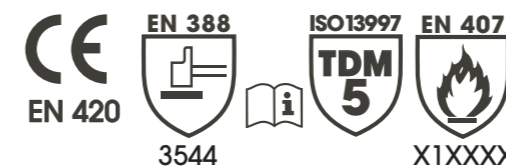
<b>Specification NF EN ISO 13997</b>	LEVEL
Blade cut resistance:	TDM5

<b>Specification EN 420</b>	LEVEL
Dexterity:	●●●●●

GRIP + REINFORCEMENT + AMBIDEXTROUS



Sizes: 6 à 11



INNOVATION 2013

**POWERSTEEL®**



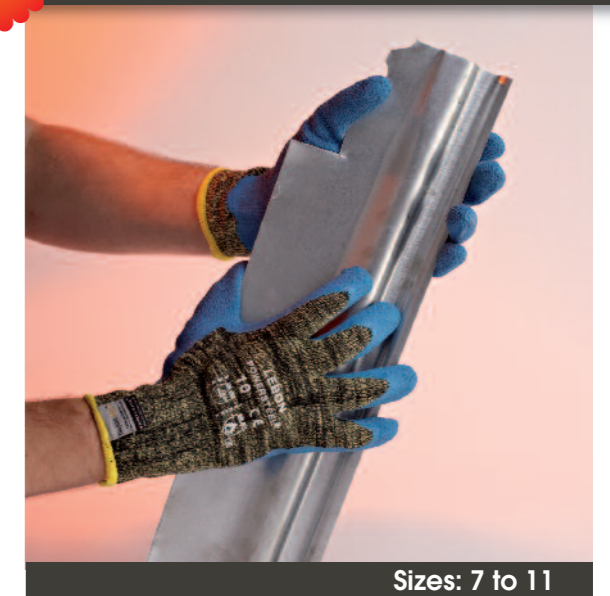
Seamless knitted glove (gauge 10) in 100% para-aramid thread, 100% stainless steel filament and 100% cotton thread. Blue natural latex coating on palm, back of thumb and fingertips. Elastic wrist.

<b>Specifications EN 388</b>	LEVELS
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●●●
Tear resistance:	●●●●●
Puncture resistance:	●●●●●

<b>Caractéristiques EN 407</b>	LEVELS
Burning behaviour:	X
Contact heat:	●○○○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

<b>Specification NF EN ISO 13997</b>	LEVEL
Blade cut resistance:	TDM5

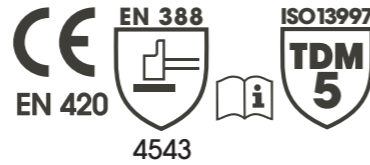
GRIP + SEALING + RESISTANCE



Sizes: 7 to 11

# CUT PROTECTION GLOVES LEVEL 5 ISO 13997

METALFIT®



Sizes: 6 to 11



Seamless knitted glove (gauge 10) in 100% high density polyethylene filament, 100% stainless steel filaments and 100% black texturised polyamide thread. Grey CLEAN PU coating on palm and fingertips. Stitched reinforcement between thumb and index. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:



**Specification NF EN ISO 13997**

Blade cut resistance:

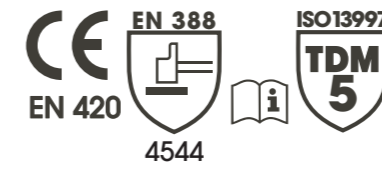
LEVEL  
TDM5

**Specification EN 420**

Dexterity:

LEVEL  
5 dots

➕ RESISTANCE ➕ REINFORCEMENT ➕ DEXTERITY



Seamless knitted glove in 100% para-aramid / stainless and polyamide thread, 10 gauge. Coating on the palm and reinforcement between thumb and index in natural cow split leather. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:



**Specification NF EN ISO 13997**

Blade cut resistance:

LEVEL  
TDM5

➕ SOFTNESS ➕ RESISTANCE ➕ COMFORT

## GRC10 / FRZ / AM



Sizes: 7 to 12



Seamless knitted glove (gauge 10) in 100% para-aramid / stainless thread. Coating on palm and reinforcement between thumb and index in natural cow split leather. Reinforcements on the fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:



**Specification NF EN ISO 13997**

Blade cut resistance:

LEVEL  
TDM5

➕ SOFTNESS ➕ RESISTANCE ➕ REINFORCEMENT

## GRC10 / O / FRZ



Sizes: 7 to 11

# CUT PROTECTION GLOVES LEVEL 5

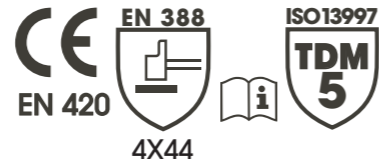
ISO 13997

# WELDING GLOVES

## METALGRIP® D



Sizes: 6 to 11



Seamless knitted glove (gauge 10) in double textra® / stainless steel thread. Coating on the palm in natural cow split leather with fourchettes. Elastic wrist. Length 30 cm.

**Specifications EN 388**

Resistance to abrasion:	●●●●●
Blade cut resistance:	X
Tear resistance:	●●●●●
Puncture resistance:	●●●●●

**Specification NF EN ISO 13997**

Blade cut resistance:	LEVEL TDM5
-----------------------	------------

+ COMFORT + RESISTANCE + PROTECTION

## METALSAFE®



Sizes: 9 & 10



5 fingers glove in natural cow split leather. Seamless knitted lining (gauge 10) in 100% textra® / stainless steel thread. 15 cm natural cow split leather cuff with artery protector. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:	●●●●●
Blade cut resistance:	X
Tear resistance:	●●●●●
Puncture resistance:	●●●●●

**Specification NF EN ISO 13997**

Blade cut resistance:	LEVEL TDM5
-----------------------	------------

+ COMFORT + RESISTANCE + STABILITY



Goat glove with fourchettes, 15 cm natural cow split leather cuff. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:	●●●●●
Blade cut resistance:	●●●●○
Tear resistance:	●●●●○
Puncture resistance:	●●●●○

**Specifications EN 407**

Burning behaviour:	●●●●●
Contact heat:	●●●●○
Convective heat:	●●●●○
Radiant heat:	●●●●○
Small splashes of molten metal:	●●●●○
Large splashes of molten metal:	X

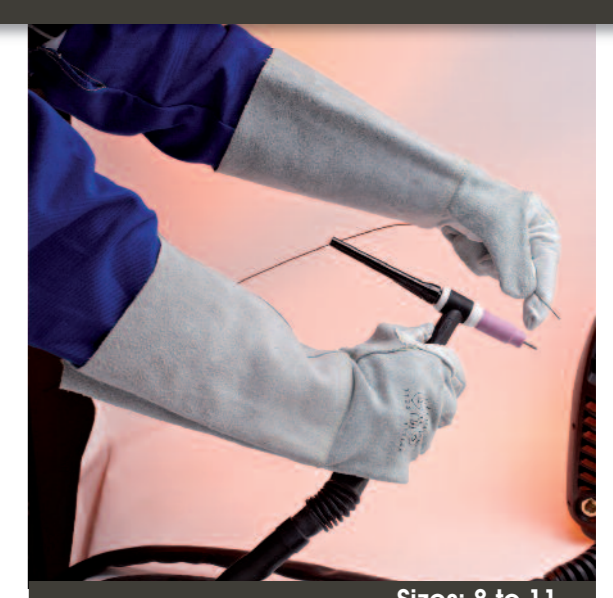
+ DEXTERITY + SOFTNESS

## AGNM15 / SUP



Sizes: 7 to 10

## FCM20 / R / NEW



Sizes: 8 to 11



5 fingers glove with palm in natural cow grain leather, back in natural cow split leather, leather reinforcement between thumb and index. 20 cm natural cow split leather cuff. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:	●●●●○
Blade cut resistance:	●●●●○
Tear resistance:	●●●●○
Puncture resistance:	●●●●○

**Specifications EN 407**

Burning behaviour:	●●●●●
Contact heat:	●●●●○
Convective heat:	●●●●○
Radiant heat:	●●●●○
Small splashes of molten metal:	●●●●○
Large splashes of molten metal:	X

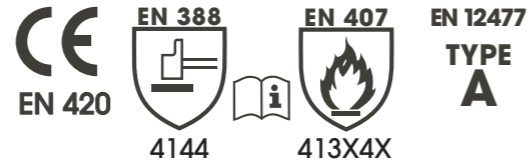
+ SOFTNESS + REINFORCEMENT + COMFORT

# WELDING GLOVES

## ANTNDI / 15



Size: 10



Split leather glove with heatproof treatment. 15 cm natural cow split leather cuff. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion: ●●●●●  
 Blade cut resistance: ●○○○○○  
 Tear resistance: ●●●●●  
 Puncture resistance: ●●●●●

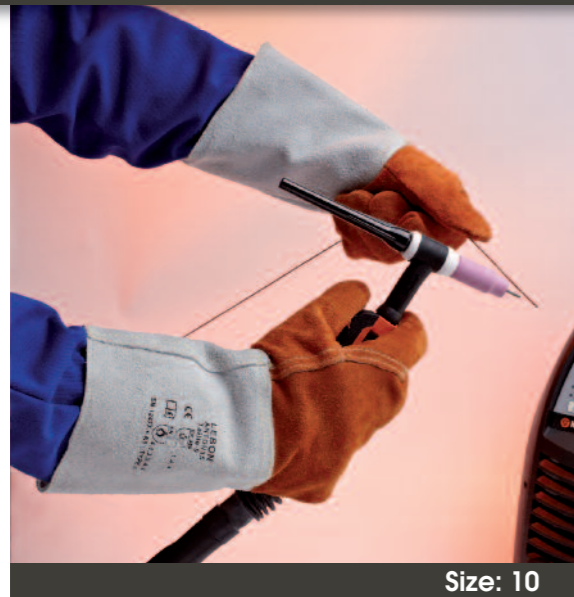
**Specifications EN 407**

Burning behaviour: ●●●●●  
 Contact heat: ●○○○○○  
 Convective heat: ●●●○○○  
 Radiant heat: X  
 Small splashes of molten metal: ●●●●●  
 Large splashes of molten metal: X

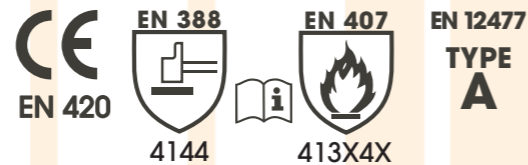
Specification EN 12477+ A1 TYPE A

⊕ SOFTNESS ⊕ RESISTANCE ⊕ COMFORT

## ANTDI / 15



Size: 10



Split leather glove with heatproof treatment. 15 cm cow split leather cuff. Glove and cuff totally lined with 100% cotton knitted fabric. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion: ●●●○○○  
 Blade cut resistance: ●○○○○○  
 Tear resistance: ●●●●●  
 Puncture resistance: ●●●●●

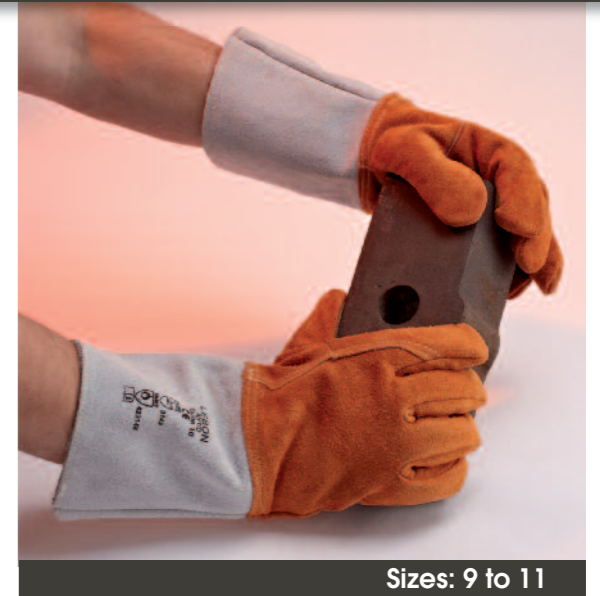
**Specifications EN 407**

Burning behaviour: ●●●●●  
 Contact heat: ●○○○○○  
 Convective heat: ●●●○○○  
 Radiant heat: X  
 Small splashes of molten metal: ●●●●●  
 Large splashes of molten metal: X

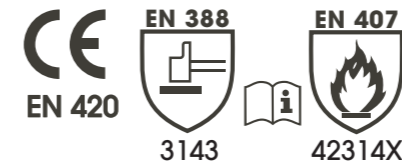
Specification EN 12477+ A1 TYPE A

⊕ SOFTNESS ⊕ RESISTANCE ⊕ COMFORT

## ANT / D / P15



Sizes: 9 to 11



5 fingers heatproof cow split leather glove, 15 cm split leather cuff. Glove and cuff totally 100% wool lined. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion: ●●●●●  
 Blade cut resistance: ●○○○○○  
 Tear resistance: ●●●●●  
 Puncture resistance: ●●●○○○

**Specifications EN 407**

Burning behaviour: ●●●●●  
 Contact heat: ●○○○○○  
 Convective heat: ●●●○○○  
 Radiant heat: ●○○○○○  
 Small splashes of molten metal: ●●●●●  
 Large splashes of molten metal: X

⊕ SOFTNESS ⊕ RESISTANCE ⊕ PROTECTION

## GK / ALU / SP / P



Size: 10



5 fingers glove, palm and thumb in heatproof split leather. Back of glove and back of thumb in 100% aluminized para-aramid fabric. Glove fully lined with 100% wool. 40 cm length. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion: ●●●○○○  
 Blade cut resistance: ●○○○○○  
 Tear resistance: ●●●●●  
 Puncture resistance: ●●●○○○

**Specifications EN 407**

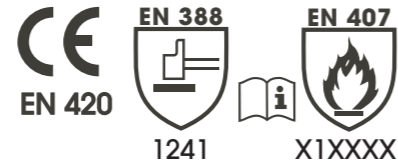
Burning behaviour: ●●●●●  
 Contact heat: ●○○○○○  
 Convective heat: ●●●○○○  
 Radiant heat: ●○○○○○  
 Small splashes of molten metal: X  
 Large splashes of molten metal: ●●●●●

⊕ RESISTANCE ⊕ PROTECTION ⊕ COMFORT

# HEAT PROTECTION GLOVES 100°C

# HEAT PROTECTION GLOVES 250°C

## BC / DJ / MB15



Cut and sew 5 fingers glove, in 100% heavy cotton terry cloth, lined with 100% cotton knitted fabric. 15 cm cuff in 100% heavy cotton terry cloth.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	● ○ ○ ○
Blade cut resistance:	● ● ● ● ○
Tear resistance:	● ● ● ●
Puncture resistance:	● ○ ○ ○

<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	X
Contact heat:	● ○ ○ ○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ PROTECTION ⊕ COMFORT



Size: 10

## ANT D / 3D / M15



3 fingers glove in heatproof cow split leather. 15 cm cow split leather cuff. Totally lined with 100% wool fleece. 100% para-aramid sewing thread.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	● ● ● ●
Blade cut resistance:	● ○ ○ ○ ○
Tear resistance:	● ● ● ●
Puncture resistance:	● ● ● ●

<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	● ● ● ●
Contact heat:	● ● ● ●
Convective heat:	● ● ● ●
Radiant heat:	● ○ ○ ○
Small splashes of molten metal:	● ● ● ●
Large splashes of molten metal:	X

⊕ SOFTNESS ⊕ RESISTANCE ⊕ PROTECTION



Size: 10

## BC / DC / BC15



Cut and sew 5 fingers glove, in 100% heavy cotton terry cloth, lined with 100% cotton knitted fabric, cotton / elastane 15 cm wrist.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	● ○ ○ ○
Blade cut resistance:	● ● ● ● ○
Tear resistance:	● ● ● ●
Puncture resistance:	● ○ ○ ○

<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	X
Contact heat:	● ● ● ●
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ PROTECTION ⊕ COMFORT



Size: 10

## MANT / D

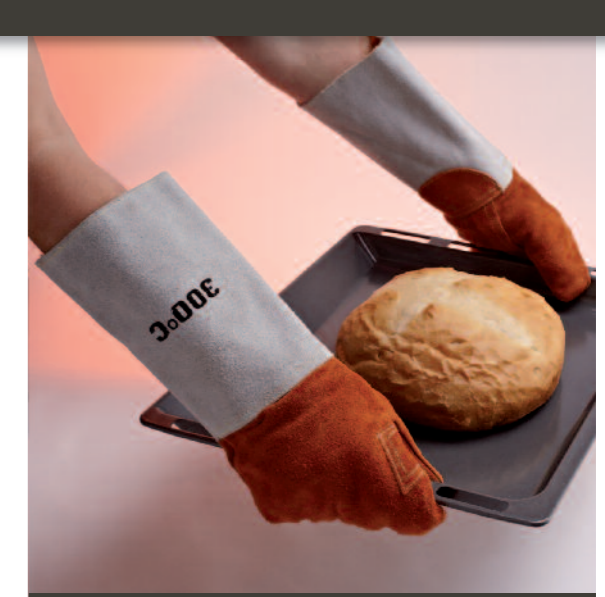


Heatproof cow split leather mitten with reinforcement on the palm, 20 cm natural cow split leather cuff with artery protector. Mitten and cuff totally wool lined. Seams in 100% para-aramid thread.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	● ● ● ●
Blade cut resistance:	● ○ ○ ○ ○
Tear resistance:	● ● ● ●
Puncture resistance:	● ● ● ●

<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	● ● ● ●
Contact heat:	● ● ● ●
Convective heat:	● ● ● ●
Radiant heat:	● ○ ○ ○
Small splashes of molten metal:	● ● ● ●
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ PROTECTION ⊕ REINFORCEMENT



Size: 10

## HEAT PROTECTION GLOVES 250°C

## GCRM



Size: 10

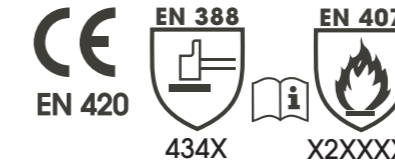


Cut and sew 5 fingers glove, in 100% topstitched heavy brushed cotton, double-layered. 15 cm cuff in 100% heavy cotton canvas.

Specifications EN 388	LEVELS
Resistance to abrasion:	●●○○
Blade cut resistance:	●●○○○
Tear resistance:	●●○○○
Puncture resistance:	●●○○○

Specifications EN 407	LEVELS
Burning behaviour:	X
Contact heat:	●●○○○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

+ RESISTANCE + COMFORT



Seamless knitted glove (gauge 7) in 100% grey texturised polyamide, with cotton inside for the comfort, ambidextrous, elastic wrist.

Specifications EN 388	LEVELS
Resistance to abrasion:	●●●●○
Blade cut resistance:	●●●○○
Tear resistance:	●●○○○
Puncture resistance:	X

Specifications EN 407	LEVELS
Burning behaviour:	X
Contact heat:	●●○○○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

+ DEXTERITY + COMFORT + AMBIDEXTROUS

## P / 7GG / N



Sizes: 7 &amp; 9

## HOTSAFE®

INNOVATION  
2013



Terry knitted glove in 100% polyamide thread, white and brown colours, stitched reinforcement between thumb and index, ambidextrous, elastic wrist.

Specifications EN 388	LEVELS
Resistance to abrasion:	●●●●○
Blade cut resistance:	●●●○○
Tear resistance:	●●○○○
Puncture resistance:	●○○○○

Specifications EN 407	LEVELS
Burning behaviour:	X
Contact heat:	●●○○○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

+ COMFORT + REINFORCEMENT + AMBIDEXTROUS



Seamless knitted glove (gauge 7) in 100% grey texturised polyamide, with cotton inside for the comfort, ambidextrous, 11 cm elastic wrist.

Specifications EN 388	LEVELS
Resistance to abrasion:	●●●●○
Blade cut resistance:	●●●○○
Tear resistance:	●●○○○
Puncture resistance:	X

Specifications EN 407	LEVELS
Burning behaviour:	X
Contact heat:	●●○○○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

+ DEXTERITY + COMFORT + AMBIDEXTROUS

## P / 7GG / N / LW

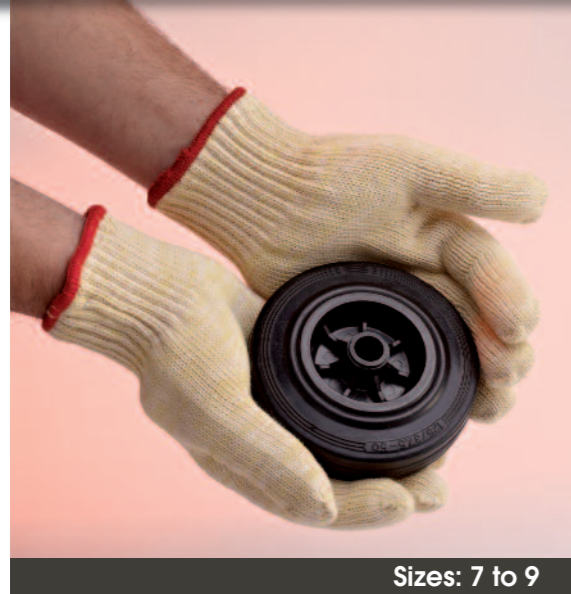


Sizes: 7 &amp; 9

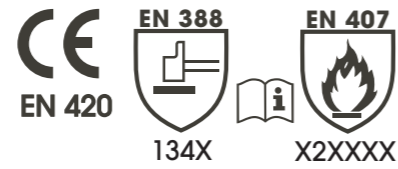
# HEAT PROTECTION GLOVES 250°C

# HEAT PROTECTION GLOVES 350°C

## GTAC / D27



Sizes: 7 to 9

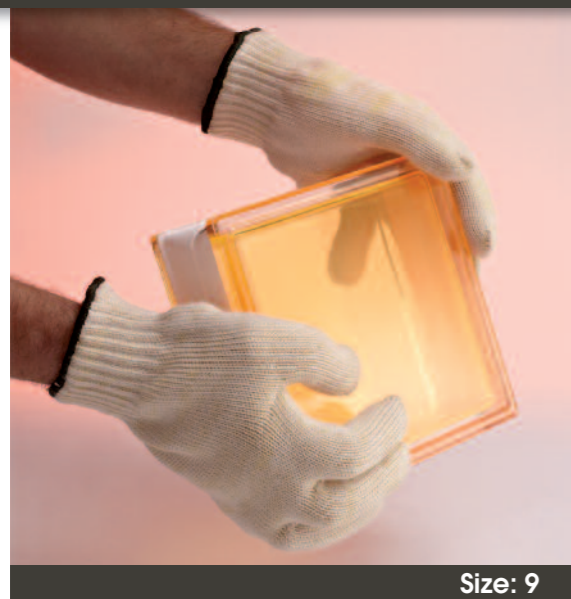


Para-aramid and 100% cotton seamless knitted glove, 7 gauge, 100% cotton 7 gauge knitted lining, ambidextrous, elastic wrist.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	● ○ ○ ○
Blade cut resistance:	● ● ● ● ○
Tear resistance:	● ● ● ●
Puncture resistance:	X
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	X
Contact heat:	● ● ○ ○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ COMFORT ⊕ AMBIDEXTROUS

## GTN / D



Size: 9



Meta-aramid heavy seamless knitted glove, 7 gauge, fully 100% cotton lined, ambidextrous, elastic wrist.  
Length 27 cm : GTN/D/27.  
Length 35 cm : GTN/D/35.

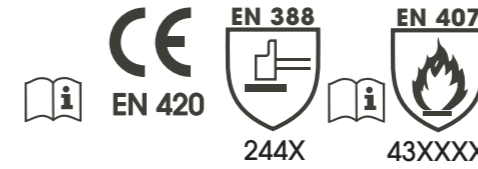
<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	● ● ○ ○
Blade cut resistance:	X
Tear resistance:	● ● ● ●
Puncture resistance:	X
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	● ● ● ●
Contact heat:	● ● ○ ○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ COMFORT ⊕ AMBIDEXTROUS

## GTA / D / M



Sizes: 7 & 9



100% para-aramid heavy seamless knitted glove. 100% wool knitted lining. Ambidextrous. 13 cm cuff in fireproof blue cotton canvas.

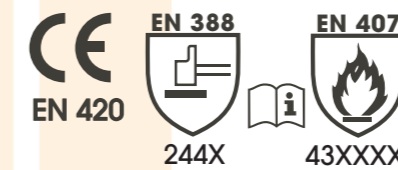
<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	● ● ○ ○
Blade cut resistance:	● ● ● ● ○
Tear resistance:	● ● ● ●
Puncture resistance:	X
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	● ● ● ●
Contact heat:	● ● ○ ○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ COMFORT ⊕ AMBIDEXTROUS

## GTA / D



Sizes: 7 & 9



100% para-aramid heavy seamless knitted glove, 7 gauge, fully wool lined, ambidextrous, elastic wrist.  
Length 27 cm : GTA/D/27.  
Length 35 cm : GTA/D/35.

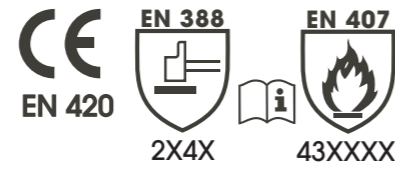
<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	● ● ○ ○
Blade cut resistance:	● ● ● ● ○
Tear resistance:	● ● ● ●
Puncture resistance:	X
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	● ● ● ●
Contact heat:	● ● ○ ○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ COMFORT ⊕ AMBIDEXTROUS

# HEAT PROTECTION GLOVES 350°C

# HEAT PROTECTION GLOVES 500°C

## MKEV / M



Ambidextrous mitten in 100% para-aramid terry cloth, lined with an insulated felt and a 100% wool fleece. 10 cm flame-retardant blue canvas cuff. 100% para-aramid sewing thread.

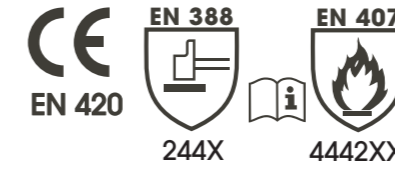
<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●○○
Blade cut resistance:	X
Tear resistance:	●●●●
Puncture resistance:	X
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	●●●●
Contact heat:	●●●○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ AMBIDEXTRIOUS ⊕ PROTECTION



Size: 10

## MKEV / 4



3 fingers glove in 100% para-aramid terry cloth, lined with an insulated felt 100% wool and with heavy terry cloth 100% cotton. Natural split leather cuff of 20 cm lined with a terry cloth 100% cotton.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●○○
Blade cut resistance:	●●●○○
Tear resistance:	●●●●
Puncture resistance:	X
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	●●●●
Contact heat:	●●●○
Convective heat:	X
Radiant heat:	●●○○
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ AMBIDEXTRIOUS ⊕ PROTECTION



Size: 10

## MKEV / 1



100% para-aramid terry cloth mitten, ambidextrous, inner lining in felt and 100% wool cloth. Total length 30 cm. 100% para-aramid sewing thread.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●○○
Blade cut resistance:	X
Tear resistance:	●●●●
Puncture resistance:	X
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	●●●●
Contact heat:	●●●○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ AMBIDEXTRIOUS ⊕ PROTECTION



Size: 10

## KERM / 5D



5 fingers glove made of 100% meta-aramid terry cloth, lined with 100% wool felt. 15 cm split leather cuff. 100% para-aramid sewing thread.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●○○
Tear resistance:	●●●●
Puncture resistance:	●●○○
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	●●●●
Contact heat:	●●●○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

⊕ RESISTANCE ⊕ DEXTERITY ⊕ PROTECTION



Size: 10

# HEAT PROTECTION GLOVES 500°C

# COLD PROTECTION GLOVES

## MKRHT



Size: 10



Ambidextrous mitten in 100% meta-aramid terry cloth. 10 cm heatproof cow split leather cuff. Fully lined with a 100% wool fabric. 100% para-aramid sewing thread.

### Specifications EN 388

Resistance to abrasion: ●●●○  
 Blade cut resistance: X  
 Tear resistance: ●●●●  
 Puncture resistance: X

### Specifications EN 407

Burning behaviour: ●●●●  
 Contact heat: ●●●●  
 Convective heat: X  
 Radiant heat: X  
 Small splashes of molten metal: X  
 Large splashes of molten metal: X

### LEVELS

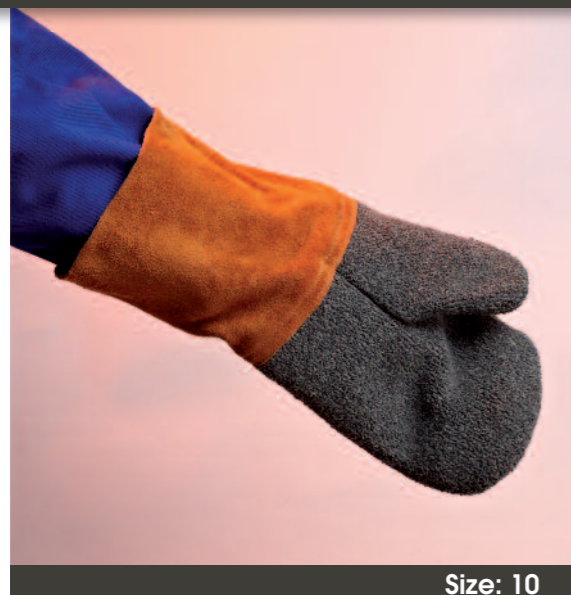
●●●○  
 X  
 ●●●●  
 X

### LEVELS

●●●●  
 ●●●●  
 X  
 X  
 X  
 X

⊕ RESISTANCE ⊕ AMBIDEXTROUS ⊕ COMFORT

## MKRHT / A



Size: 10



Mitten in 100% meta-aramid terry cloth, lined with a 100% wool felt. 15 cm split leather cuff with fireproof treatment. 100% para-aramid sewing thread.

### Specifications EN 388

Resistance to abrasion: ●●●○  
 Blade cut resistance: ●●●●●●  
 Tear resistance: ●●●○  
 Puncture resistance: ●●○○

### Specifications EN 407

Burning behaviour: ●●●●  
 Contact heat: ●●●●  
 Convective heat: X  
 Radiant heat: X  
 Small splashes of molten metal: X  
 Large splashes of molten metal: X

### LEVELS

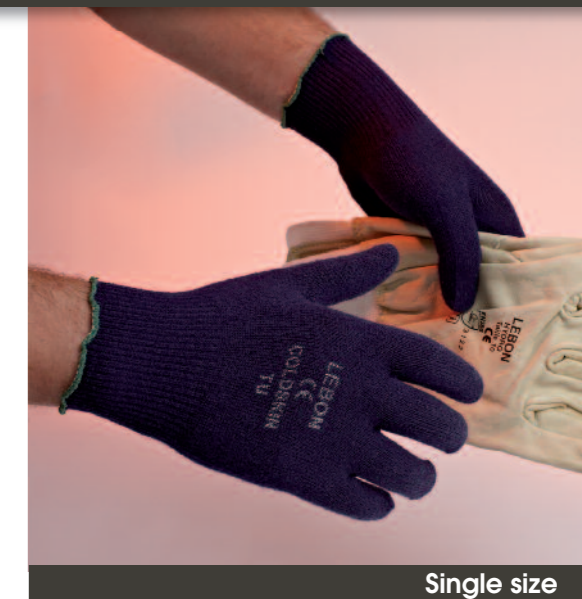
●●●○  
 ●●●●●●  
 ●●●○  
 ●●○○

### LEVELS

●●●●  
 ●●●●  
 X  
 X  
 X  
 X

⊕ RESISTANCE ⊕ PROTECTION

## COLDSKIN



Single size



Seamless lightweight thermal yarn glove, 13 gauge, elastic wrist.

### Specification EN 420

Dexterity: ●●●●●

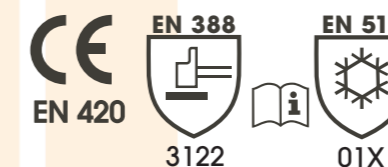
### LEVEL

⊕ COMFORT ⊕ DEXTERITY ⊕ AMBIDEXTROUS

## COLD DRIVER



Size: 10



5 fingers glove in grain leather, yellow colour, elastic on the back. Totally lined with an insulating fleece.

### Specifications EN 388

Resistance to abrasion: ●●●○  
 Blade cut resistance: ●○○○○  
 Tear resistance: ●○○○  
 Puncture resistance: ●●○○

### Specifications EN 511

Convective cold resistance: ○○○○  
 Contact cold resistance: ●○○○  
 Waterproofness: X

### LEVELS

●●●○  
 ●○○○○  
 ●○○○  
 ●●○○

### LEVELS

○○○○  
 ●○○○  
 X

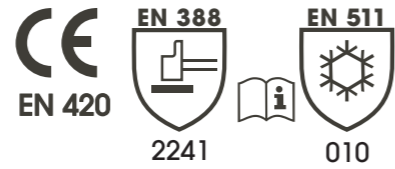
⊕ SOFTNESS ⊕ COMFORT ⊕ SEALING

# COLD PROTECTION GLOVES

## WINTERGRIP



Sizes: 7 to 10



Seamless terry knitted glove in polyester / cotton yarn. Natural grey latex coating on palm and fingertips. Elastic wrist.

**Specifications EN 388**

Resistance to abrasion:	●●●○
Blade cut resistance:	●●○○○
Tear resistance:	●●○○○
Puncture resistance:	●○○○○

**Specifications EN 511**

Convective cold resistance:	○○○○
Contact cold resistance:	●○○○
Waterproofness:	○

⊕ RESISTANCE ⊕ GRIP ⊕ SEALING

## GFL / 10



Size: 10



5 fingers glove in waterproof cow grain leather, green colour, 10 cm natural cow split leather cuff, totally lined with 100% wool fur, elastic on the back of the hand.

**Specifications EN 388**

Resistance to abrasion:	●●●○
Blade cut resistance:	●○○○○
Tear resistance:	●●○○○
Puncture resistance:	●●○○○

**Specifications EN 511**

Convective cold resistance:	●●○○○
Contact cold resistance:	●●○○○
Waterproofness:	●

⊕ SOFTNESS ⊕ SEALING ⊕ RESISTANCE



# SLEEVES

Cut protection sleeves.....P.70

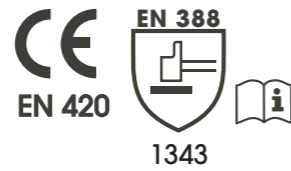
Heat protection sleeves...P.74

# CUT PROTECTION SLEEVES

## TS1 / T



Length: 50 cm

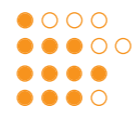


Sleeve in 100% para-aramid fabric. Elastic end at the top with scratch fastening system. Elastic wrist in 100% para-aramid / elastane with thumb slot. Length 50 cm.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**

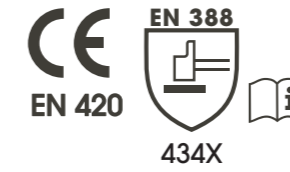


**+** RESISTANCE **+** ADJUSTMENT **+** PROTECTION

## DYN / SL / 35 / H



Length: 35 cm

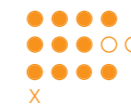


High density polyethylene and grey polyamide seamless knitted sleeve, 10 gauge, thumb slot, elastic wrist at the top of the sleeve. Length 35 cm.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**

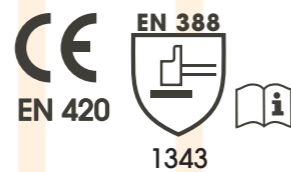


**+** COMFORT **+** PROTECTION **+** AMBIDEXTROUS

## TS1 / TS



Sizes: S to XXL



T-Shirt 100% cotton, colour to be chosen, with sleeve in 100% para-aramid sewn fabric. Wrist 100% cotton / elastane. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**

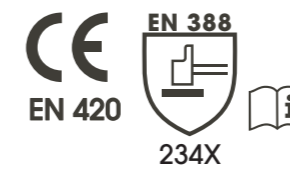


**+** MAINTAIN **+** RESISTANCE **+** COMFORT

## COMFORT® SLEEVE / 50



Length: 50 cm

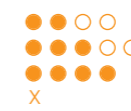


Para-aramid seamless knitted sleeve, 10 gauge, green colour. Thumb slot, length 50 cm. Scratch fastening system at the top of the sleeve.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

**LEVELS**



**+** NEW THREAD **+** ADJUSTMENT **+** PROTECTION

# CUT PROTECTION SLEEVES

## MBCK



Length: 20 to 55 cm



100% para-aramid / elastane sleeve, double-layered, with thumb slot. Available in lengths from 20 to 55 cm (from 5 to 5 cm)

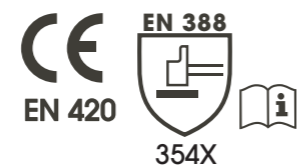
<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●●○
Tear resistance:	●●●●●
Puncture resistance:	X
<b>Specifications EN 407</b>	<b>LEVELS</b>
Burning behaviour:	X
Contact heat:	●○○○
Convective heat:	X
Radiant heat:	X
Small splashes of molten metal:	X
Large splashes of molten metal:	X

➕ PROTECTION ➕ MAINTAIN ➕ AMBIDEXTROUS

## VSI01 / M



Length: 20 to 50 cm



Polyethylene and high tenacity fiber seamless knitted sleeve, 10 gauge, elastic wrist and scratch fastening system at the top of the sleeve. Available in lengths from 20 to 50 cm.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●○
Blade cut resistance:	●●●●○
Tear resistance:	●●●●●
Puncture resistance:	X

➕ RESISTANCE ➕ COMFORT ➕ ADJUSTMENT

## METALSLEEVE® 45



Length: 45 cm



Seamless knitted sleeve (gauge 10) in 100% double Textra® / stainless steel thread. Scratch fastening system at the top of the sleeve. Elastic wrist. Total length 45 cm.

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●●
Blade cut resistance:	X
Tear resistance:	●●●●
Puncture resistance:	X
<b>Specification NF EN ISO 13997</b>	<b>LEVEL</b>
Blade cut resistance:	TDM5

➕ NEW THREAD ➕ COMFORT ➕ ADJUSTMENT

## METALSLEEVE® 50H



Length: 50 cm



Seamless knitted sleeve (gauge 10) in 100% Textra® / stainless steel double yarn. Scratch fastening system at the top of the sleeve. Thumb slot. Length: 50 cm

<b>Specifications EN 388</b>	<b>LEVELS</b>
Resistance to abrasion:	●●●●
Blade cut resistance:	X
Tear resistance:	●●●●
Puncture resistance:	X

➕ NEW THREAD ➕ COMFORT ➕ ADJUSTMENT

# HEAT PROTECTION SLEEVES

## MANC / COT / BC / E



Length: 45 cm

CE  
EN 420



100% natural cotton sleeve, knitted wrist, elastic band at the top.  
Total length 45 cm.

COMFORT MAINTAIN AMBIDEXTROUS

## MANC / BC / 50



Length: 50 cm

CE  
EN 420 1241 X2XXXX



Sleeve in heavy terry cloth 100% cotton, latex wrist, elastic band at the top of the sleeve.  
Total length 50 cm.

**Specifications EN 388**

Resistance to abrasion:  
Blade cut resistance:  
Tear resistance:  
Puncture resistance:

LEVELS

● ○ ○ ○  
● ● ○ ○ ○  
● ● ● ● ●  
● ○ ○ ○

**Specifications EN 407**

Burning behaviour:  
Contact heat:  
Convective heat:  
Radiant heat:  
Small splashes of molten metal:  
Large splashes of molten metal:

LEVELS

X  
● ● ○ ○  
X  
X  
X  
X

RESISTANCE MAINTAIN AMBIDEXTROUS



# WELDING EQUIPMENTS

# WELDING EQUIPMENTS

## MANC / C



Length: 40 cm



Sleeve in natural cow split leather, elastic band on both sides. Length 40 cm. 100% para-aramid sewing thread.

Available with scratch fastening system - Ref : MANC/C/EL/V

- SOFTNESS
- RESISTANCE
- AMBIDEXTROUS

## GCH



Height: 30 cm



Leg guard in natural cow split leather, closure by straps and buckles (1 strap under the foot, 3 straps on the back), height of 30 cm.

- SOFTNESS
- RESISTANCE
- ADJUSTMENT

## MTI / 40



Length: 48 cm



AB1C1XE1



100% fireproof cotton sleeve, blue colour elastic band on both sides. Length 48 cm.

Available with scratch fastening system - Ref : MTI/40/BC/V

**Specifications EN 531**

Burning behaviour:  
Convective heat:  
Radiant heat:  
Splashes of molten aluminium:  
Splashes of molten cast iron:

**LEVELS**

A  
B1  
C1  
X  
E1

- COMFORT
- RESISTANCE
- MAINTAIN

## GCA30



Height: 30 cm



Leg guard in heatproof cow split leather, elastic at the top, closure by fireproof scratch fastening system, elastic under the foot for maintaining, height of 30 cm.

- SOFTNESS
- RESISTANCE
- ADJUSTMENT

# WELDING EQUIPMENTS

## CAG / LORM



Single size



100% fireproof cotton canvas hood, blue colour, foam reinforcement on the head.  
100% para-aramid sewing thread.

**Specifications EN 531**

Burning behaviour:  
Convective heat:  
Radiant heat:  
Splashes of molten aluminium:  
Splashes of molten cast iron:

**LEVELS**

A  
B1  
C1  
X  
E1

➕ COMFORT ➕ ADJUSTMENT ➕ PROTECTION

## TAB / C



Dimensions: 90 cm x 70 cm



Natural cow split leather apron with fastening around the neck by strap and below the armpits by adjustable belt and buckle.  
Dimensions: height 90 cm - width 70 cm.

➕ SOFTNESS ➕ RESISTANCE ➕ ADJUSTMENT

## AP1 / T2



Dimensions: 93 cm x 65 cm



100% fireproof cotton apron blue colour, reinforcement on the belly in natural cow split leather, closure by crossed straps with quick coupler.  
Dimensions: height 93 cm - width 65 cm.

**Specifications EN 531**

Burning behaviour:  
Convective heat:  
Radiant heat:  
Splashes of molten aluminium:  
Splashes of molten cast iron:

**LEVELS**

A  
B1  
C1  
X  
E1

➕ REINFORCEMENT ➕ COMFORT ➕ ADJUSTMENT

## TAB / CA / 110X70



Dimensions: 110 cm x 70 cm



Apron in cow split leather with heatproof treatment, reinforced fastenings by straps in pigmented leather around the neck and reinforced fastenings adjustable by buckle at the waist.  
Dimensions: height 110 cm - width 70 cm.

➕ SOFTNESS ➕ ADJUSTMENT ➕ RESISTANCE

# WELDING EQUIPMENTS

## VCLDTI / 80



Welding jacket in natural cow split leather, front closure with snap fasteners, back in blue fire-retardant canvas 100% cotton, stand-up collar. 100% para-aramid sewing thread.



Sizes : S, M, L & XL

**+** SOFTNESS **+** RESISTANCE



## VEST / C



Welding jacket in natural cow split leather, front closure with snap fasteners, stand-up collar. 100% para-aramid sewing thread.



Sizes: M, L & XL

**+** SOFTNESS **+** RESISTANCE



Welding jacket in heat-resistant cow split leather. Back in fire-retardant canvas. Front closure with snap fasteners and fire-retardant scratch fastener. Heatproof stand-up collar, lined with a fire-retardant cotton canvas with scratch fastener. Fastening and tightening at the end of the sleeves by scratch fastener.

**+** SOFTNESS **+** RESISTANCE **+** ADJUSTMENT

## VEST / CA / DTI



Sizes: XL & XXL



Welding jacket in natural cow grain leather and heat-resistant cow split leather on the upper part of the jacket. Back in fire-retardant canvas. Front closure with snap fasteners. Stand-up collar with scratch fastener. Wrist in cotton / elastane.

**+** SOFTNESS **+** RESISTANCE **+** ADJUSTMENT

## VEST / SP / BC



Sizes: M, L, XL & XXL



## VPS and PPS



Jacket in 100% Preox / para-aramid fabric. Sleeves in yellow water-repellent cow grain leather. Back in canvas 100% cotton with Proban® treatment, color green. Front closure with snap fasteners and scratch fastener. Stand-up collar with fastening through scratch fastener. Adjustable fastening of the sleeves through scratch fastener.

### Specifications EN 11612

Burning behaviour:  
Convective heat:  
Radiant heat:  
Splashes of molten aluminium:  
Splashes of molten cast iron:  
Contact heat:

### LEVELS

A  
B1  
C1  
X  
E1  
X

⊕ COMFORT ⊕ PROTECTION ⊕ ADJUSTMENT

Trousers in 100% Preox/para-aramid fabric and yellow water-repellent cow grain leather. Back of the trousers in canvas 100% cotton with Proban® treatment, color green. 100% para-aramid sewing thread.

### Specifications EN 11612

Burning behaviour:  
Convective heat:  
Radiant heat:  
Splashes of molten aluminium:  
Splashes of molten cast iron:  
Contact heat:

### LEVELS

A  
B1  
C1  
X  
E1  
X

⊕ RESISTANCE ⊕ COMFORT ⊕ SEALING



Sizes: 1 to 5



# THERMAL PROTECTIVE EQUIPMENTS

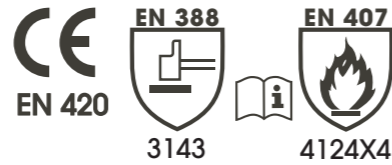


# THERMAL PROTECTIVE EQUIPMENTS

## GK / ALU / SP / LME



Size: 10



5 fingers glove, palm in heatproof split leather. Back of glove and reinforcement of the back in 100% aluminized para-aramid fabric. Glove fully lined with 100% wool. 20 cm cuff in 100% aluminized para-aramid, lined with a fireproof cotton canvas, with scratch fastener. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion: ●●●○  
 Blade cut resistance: ●○○○  
 Tear resistance: ●●●●  
 Puncture resistance: ●●●○

**Specifications EN 407**

Burning behaviour: ●●●●  
 Contact heat: ●○○○  
 Convective heat: ●○○○  
 Radiant heat: ●●●●  
 Small splashes of molten metal: X  
 Large splashes of molten metal: ●●●●

⊕ COMFORT ⊕ REINFORCEMENT ⊕ ADJUSTMENT

## GK / ALU / ARC



Size: 10



5 fingers glove, palm in heatproof cow split leather. Back and cuff 100% aluminized preox aramid. Glove fully lined with 100% wool. Total length 42 cm. 100% para-aramid sewing thread.

**Specifications EN 388**

Resistance to abrasion: ●●●●  
 Blade cut resistance: ●○○○  
 Tear resistance: ●●●●  
 Puncture resistance: ●●●●

**Specifications EN 407**

Burning behaviour: ●●●●  
 Contact heat: ●○○○  
 Convective heat: ●○○○  
 Radiant heat: ●●●●  
 Small splashes of molten metal: X  
 Large splashes of molten metal: ●●●●

⊕ COMFORT ⊕ PROTECTION ⊕ RESISTANCE





## CLOTHES



JACKET  
 TROUSERS  
 COAT  
 LEG GUARD



All the aluminized clothes are available in the following materials:

- |   |  |
|---|--|
| <br>A1.B2.C4.X.E3.X<br>• 100% para-aramid aluminized knitted fabric<br><b>References 21650/MKA &amp; 31650/MKA</b> | <br>A1.B2.C2.X.E3.X<br>• 100% para-aramid aluminized fabrics.<br><b>Reference 11650</b>                           |
| <br>A1.B1.C2.D3.E3.X<br>• Para-aramid / carbon aluminized fabrics.<br><b>Reference 11750</b>                       | <br>A1.B1.C3.D3.E3.X<br>• Wrapped carbon and para-aramid aluminized fabric<br><b>References 21550 &amp; 21650</b> |

These clothes can be produced:

- With or without heatproof cotton lining and / or insulating felt.
- With scratch fastener, snaps or quick-release closure.
- Any other manufacturing on demand.

## CAG / NOMEX / 3



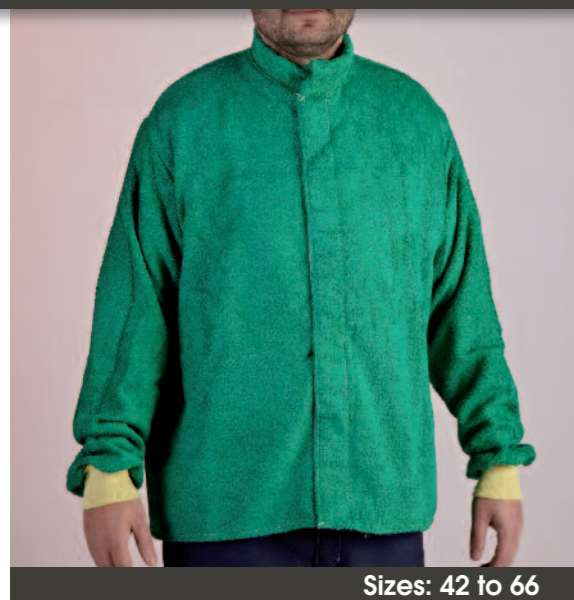
Single size



Hood 100% Nomex® III double thickness, owl eyes.

**+** RESISTANCE **+** COMFORT

## ME / VP



Sizes: 42 to 66



Green jacket in double sided terry cloth 100% cotton, with PROBAN® treatment. Small or big opening with fastening through fireproof scratch fastener or button. Long or short sleeves. With or without stand-up collar. With or without 100% para-aramid knitted wrist.

Specification **EN 533** **LEVEL**

Limited spread of the flame after 12 washes at 40°C:



**+** RESISTANCE **+** COMFORT

10G/PC/L100.....	20	GRC/400/L3.....	32	OMEGA®LW/RP.....	42
5DKBC15/S.....	48	GT350.....	47	OMEGA®RP.....	42
<b>A</b>		GT350/F/HM.....	47	<b>P</b>	
AGNM15/SUP.....	55	GT350/FHP/26.....	48	P/7GG/N.....	61
ANTDI/15.....	56	GTA10T.....	24	P/7GG/N/LW.....	61
ANT/D/P15.....	57	GTA10T/ERGO.....	26	P/7GG/N/PVC.....	24
ANTNDI/15.....	56	GTA10T/PVC.....	26	PLEIADES®GG.....	34
AP1/T2.....	78	GTA15T.....	21	POLYFLEX/B.....	21
ANTD/3D/M15.....	59	GTA15/FRZ.....	49	POLYFLEX/LIGHT.....	20
<b>B</b>		GTAC/D27.....	62	POSEIDON®.....	43
BC/DC/BC15.....	58	GTA/D.....	63	POWERCLEAN®.....	28
BC/DJ/MB15.....	58	GTA/D/M.....	63	POWERCUT®.....	37
<b>C</b>		GTD/PU/G/S.....	36	POWERFIT®.....	27
CAG/LORM.....	78	GTD/PU/G/S/LW/RP.....	37	POWERFOOD®.....	50
CAG/NOMEX/3.....	86	GTD/PU/G/S/RP.....	36	POWERSTEEL®.....	51
CASSIOPEE®26.....	34	GTD/PU/S.....	28	PPS.....	82
CENTAURE.....	22	GTFT/13/G.....	35	PROTEPLUS/M.....	45
CH/27/BC.....	14	GTFT/13/PVC.....	35	<b>S</b>	
COLD DRIVER.....	67	GTFN/ARC.....	33	SEC-UGO/R.....	40
COLDSKIN.....	67	GTN/D.....	62	STARFLEX®.....	12
COLOSSUS®.....	33	GTN/PU/G.....	10	STARFLEX®DA.....	12
Comfort® LIGHT.....	25	<b>H</b>		<b>T</b>	
Comfort® MAX.....	38	HJDK27/NEW.....	23	TAB/C.....	79
Comfort® SAFE.....	25	HOTSAFE®.....	60	TAB/CA/110x70.....	79
Comfort® TECH.....	38	HYDRO.....	17	TAC/F/MIT/R.....	18
Comfort® SLEEVE/50.....	71	HYDRO/27.....	17	TACTYL.....	14
COT/P/D.....	8	HYDROPLUS.....	39	TOPGRIP.....	41
COT/P/PVC.....	8	<b>K</b>		TS1/T.....	70
<b>D</b>		KERM/5D.....	65	TS1/TS.....	70
DOC/C.....	13	<b>M</b>		<b>U</b>	
DOC/C/27.....	13	MANC/BC/50.....	74	ULTRAFIT®.....	10
DRIVER/SUP.....	23	MANC/C + MANC/C/EL/V.....	76	<b>V</b>	
DYN400/H.....	32	MANC/COT/BC/E.....	74	VCLDTI/80.....	80
DYN/SL/35/H.....	71	MANT/D.....	59	VEGA®.....	29
<b>E</b>		MASTERCLEAN®.....	43	VEGA®27.....	30
EXTRAFIT®.....	22	MAXITOUCH®.....	11	VEGA®D.....	29
<b>F</b>		MBCK.....	72	VEGA®TE/MT7.....	30
F/27.....	15	ME/VP.....	86	VEST/C.....	80
FC/27.....	15	METALFIT®.....	52	VEST/CA/DTI.....	81
FC/27J.....	16	METALFLEX®27.....	49	VEST/SP/BC.....	81
FCM15.....	19	METALFLEX®D/PVC.....	51	VPS.....	82
FCM20/R/NEW.....	55	METALGRIP®D.....	54	VSI01/DP/25.....	45
FDP/N.....	19	METALSAFE®.....	54	VSI01/F/LW/PVC.....	46
<b>G</b>		METALSLEEVE®45.....	73	VSI01/FMT/20/PVC.....	46
GCA30.....	77	METALSLEEVE®50H.....	73	VSI01/M.....	72
GCH.....	77	MKEV/M.....	64	<b>W</b>	
GCRM.....	60	MKEV/1.....	64	WARRIOR/O/NEW.....	39
GFL/10.....	68	MKEV/4.....	65	WINTERGRIP.....	68
GK/ALU/ARC.....	84	MKRHT.....	66		
GK/ALU/SP/LME.....	84	MKRHT/A.....	66		
GK/ALU/SP/P.....	57	MONO.....	9		
GKB.....	40	MONO/COT/PVC.....	9		
GMS/7/ELC.....	18	MTI/40 + MTI/40/BC/V.....	76		
GRC10.....	31	<b>N</b>			
GRC10/FRZ/AM.....	53	NITRAPLUS.....	41		
GRC10/O.....	31	NITRIFLEX®BLACK.....	11		
GRC10/O/FRZ.....	53	<b>O</b>			
		OCTOPUS®.....	44		
		OCTOPUS®DA.....	44		

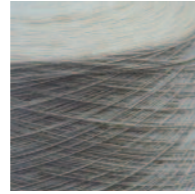


## MATERIALS



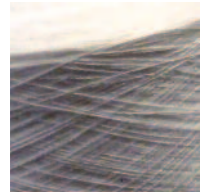
### PARA-ARAMID

synthetic fiber presenting a high mechanical resistance, in particular towards blade cut and tears, as well as a good resistance to heat.



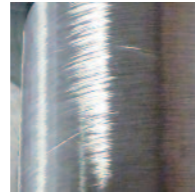
### COTTON

natural fiber with good absorbency and comfort.



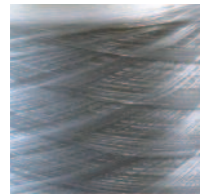
### META-ARAMID

fire-resistant synthetic fiber presenting a high resistance to heat.



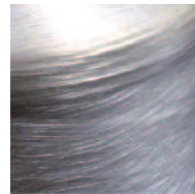
### STAINLESS STEEL

metal fiber very resistant to shear and to blade cut.



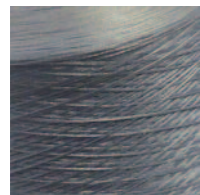
### HIGH-DENSITY POLYETHYLENE

high-tenacity fiber that offers very good resistance to blade cut, tear and abrasion, besides its lightness.



### ELASTANE

synthetic fiber known for its exceptional elasticity. It increases the comfort of our gloves, which become closest to the hand.



### POLYAMIDE

synthetic fiber having a very good resistance to abrasion.



### LEATHER

of bovine or ovine origin. Split or grain leathers are the two types of leather we use according to the required degree of flexibility and the required levels of resistance to abrasion. In addition being used with its natural form, it can be treated waterproof or heatproof.

## COATING



### POLYURETHANE

porous coating with a high level of comfort in terms of flexibility and breathability of the gloves. This coating offers a very good resistance to abrasion, as well as an excellent grip.



### NITRILE

waterproof coating if not foamed. Nitrile is highly resistant to chemicals, in particular to moderate acids/ bases. Nitrile can be prepared with a micro-cellular form in order to give an excellent grip in moist, oily or greasy environments.



### PVC

coating presenting a good resistance to oils and to concentrated acids/bases.



### LATEX

waterproof coating in natural rubber presenting a good resistance to abrasion, a good tightness, as well as an excellent grip in moist, oily and greasy environments.

## STANDARDS

**EN 420** **NF EN 420**  
General requirements for protective gloves

- Name of the manufacturer and marking of the glove
- Innocuousness
- Sizing
- Dexterity
- Composition of the glove
- Packaging, storage, washing and cleaning instructions
- User information sheet

**EN 388** **NF EN 388**  
Protective gloves against mechanical risks

X(1).X(2).X(3).X(4)

(1) Resistance to abrasion (level 1 to 4)  
(2) Blade cut resistance (level 1 to 5)  
(3) Tear resistance (level 1 to 4)  
(4) Puncture resistance (level 1 to 4)

**EN 407** **NF EN 407**  
Protective gloves against thermal risks

X(1).X(2).X(3).X(4).X(5).X(6)

(1) Resistance to flammability (level 1 to 4)  
(2) Contact heat resistance (level 1 to 4)  
(3) Convective heat resistance (level 1 to 4)  
(4) Radiant heat resistance (level 1 to 4)  
(5) Resistance to small splashes of molten metal (level 1 to 4)  
(6) Resistance to large splashes of molten metal (level 1 to 4)

**EN 470** **NF EN 470**  
Welding clothes

This standard specifies the test methods and the general requirements in terms of performance for protective clothes designed for welding operators and for related technicians presenting similar risks. The aim of this type of protective clothes is to protect the wearer against small splashes of molten metal, brief contact with flame, as well as against ultraviolet radiation. It is intended to be worn at ambient temperature, continuously over 8 hours.

**EN 511** **NF EN 511**  
Protective gloves against cold

X(1).X(2).X(3)

(1) Resistance to convective cold (level 1 to 4)  
(2) Resistance to contact cold (level 1 to 4)  
(3) Penetration by water (0 or 1)

**EN 12477** **EN 12477**  
**TYPE A**  
Type A: cold welding  
Type B: fine welding

**ISO 11612**  
Protective clothes against heat and flame

X(1).X(2).X(3).X(4).X(5).X(6)

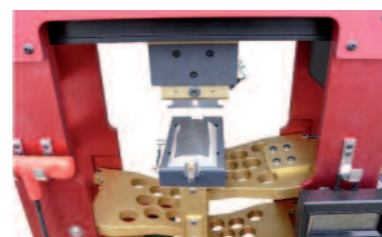
(1) Burning behaviour (level A1 or A2)  
(2) Convective heat (level B1 to B3)  
(3) Radiant heat (level C1 to C4)  
(4) Splashes of molten aluminium (level D1 to D3)  
(5) Splashes of molten cast iron (level E1 to E3)  
(6) Contact heat (level F1 to F3)

**ISO 13997**  
**TDM 4**  
Contrary to the EN 388 for which is applied a constant force, the ISO 13997 enables to make vary and to determine the force required to be applied to the blade to go through the sample on 20 mm long.

**ISO 13997**  
**TDM 5**  
**The higher is the required force, the more the glove is cut resistant.**

So the norm ISO 13997 is increasingly recognized by users and manufacturers of protective gloves as the most reliable method to evaluate the highly cut resistant gloves.

Levels EN388	Necessary force According to ISO 13997
4	>13N
5	>22N



## PICTOGRAMS PER SECTOR

- Automotive manufacturing and supply industry
- Metal manufacturing and processing industry
- Glass manufacturing and processing industry
- Rubber manufacturing and processing industry
- Engineering industry and industrial maintenance

- Assembly works
- Plastics manufacturing and processing industry
- Building and public works
- Welding works
- Logistics
- Food processing industry
- Refrigeration industry
- All sectors

## THE + PRODUCT



**+ CLEAN PU TECHNOLOGY**  
The CLEAN PU technology meets the strongest environmental requirements (according to German legislation TRGS 401, June 2008, 6-4-2 point 13 regarding the rate of residual solvent).

- + ADJUSTMENT**  
The adjustment is made by an adjustable element (Velcro fastener system, buckle), which provides a perfect maintain of the PPE on the hand, forearm or body.
- + AMBIDEXTROUS**  
The glove or the sleeve can be worn by the left hand or the right one.
- + COMFORT**  
The comfort is given thanks to the perfect ergonomomy of the glove or the sleeve.
- + DEXTERITY**  
Extreme precision in the handling, due to the effect "second skin" of the glove.
- + SEALING**  
The sealing to water, oils and fats is provided by the material component in the palm of the glove.
- + GRIP**  
The gripping on dry, wet, greasy or oily parts is provided by the material component in the palm of the glove.

- + MAINTAIN**  
The tightening or the elastic wrist ensures a very good maintain of the PPE on the hand or the arm of the operator.
- + NEW THREAD**  
New thread, cut resistant, issued from the Research and Development Lebon.
- + PROTECTION**  
The extension of the glove (extended elastic wrist or wrist reinforcement or cuff) enables to protect very strongly the wrist or the forearm.
- + REINFORCEMENT**  
The reinforcement improves significantly the resistance of the PPE on the highly stressed areas.
- + RESISTANCE**  
Performances provided by the materials used for the manufacturing of the PPE.
- + SOFTNESS**  
The quality of the tanning and the treatment of the leather used for the manufacturing of the PPE gives to the PPE an important softness.
- + STABILITY**  
The leather glove and its knitted lining are attached by a continuous seam, which ensures the stability of the whole during the use or the cleaning.



The norm ISO 13997 is a new standard which completes the norm EN 388 for the evaluation of the blade cut resistance. This norm ISO 13997, which uses the TDM test 100, is used as a new repository

for the high risks of cut. Indeed, by integrating the concept of force during the test, it is more representative of the risks faced by the operators on the field.