

# SCANALUMIN



## User Instruction

### Glove reference

ScanAlumin

### Available sizes

10/XL

Size	Hand Length (mm)	Hand perimeter (mm)
10/XL	204	254

### Glove description

Cow leather / Aluminum Coated Welding Gauntlets.

These gloves are personal protective equipment and belong to category II. They meet the requirements of the EU regulation 2016/425: innocuous, comfortable, durable. They have been subjected to a CE-type Examination performed by:

**AITEX - N.B. 0161, Plaza Emilio Sala, 1,  
03801 Alcoy - Spain**

The EU Declaration of Conformity (DOC) can be obtained through following link : [www.scandiegear.com](http://www.scandiegear.com)

### Applicable standards

These gauntlets meet the requirements of the standard EN 420:2003+A1:2009 "General requirements for work gloves". Obtained level of dexterity: level 5.

EN 388:2016



3234X

### Mechanical hazard - EN 388 NEN - EN 388:2016

This Standard specifies test methods and performance requirements for gloves which offer protection against mechanical hazards of abrasion, blade cut, tear and puncture. Levels of performance (of which 4/5 is the highest achievable level) :

Abrasion resistance (level1-4) : Level 3

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
100 cycles	500 cycles	2000 cycles	8000 cycles

Blade cut resistance (level 1-5): Level 2

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
1,2	2,5	5,0	10,0	20,0

Tear resistance (level 1-4) : Level 3

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
10 N	25 N	50 N	75 N

Puncture resistance (level 1-4) : Level 4

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
20 N	60 N	100 N	150 N

TDM: not tested

LEVEL A	LEVEL B	LEVEL C	LEVEL D	LEVEL E	LEVEL F
2 N	5 N	10 N	15 N	22 N	30 N

Resistance to cutting by sharp objects EN ISO13997 (level A-F): X<sup>1</sup>

<sup>1</sup> : An X as result indicating that the glove was not tested against this type of protection.

EN 12477  
:2002 +  
A1:2005



Type A&B

### Welding - EN 12477:2002 + A1:2005

This Standard specified test methods and requirements for gauntlets suitable for welding and allied processes. These gauntlets were found to be in compliance with the requirements set out for type A gloves (lower dexterity but higher other performance)

EN 407  
:2004



412X4X

### Thermal risk - EN 407:2004

<sup>1</sup>An X as result indicates that the gloves are not tested against this type of protection.

Burning behavior	(Level 1-4)	4
Contact Heat	(Level 1-4)	1
Convective Heat	(Level 1-4)	2
Radiant Heat	(Level 1-4)	X <sup>1</sup>
Resistance to small Splashes of molten metal (Level 1-4)		4
Resistance to large quantities of molten metal (Level 1-4)		X <sup>1</sup>

### Special warnings EN12477:

- » There is no standardised method at present for detecting of UV penetration of materials for gloves but the current methods of construction of protective gloves for welders do not normally allow penetration of UV radiation.
- » These gloves are not suitable for arc welding activities.



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### Protection limit

- » Scandia's protection warranty applies only to the risks and hazards mentioned in this document.
- » Protection against risks or hazards not mentioned in this document is therefore unwarranted. The levels of performance mentioned are only valid for gloves that are new, unwashed, and in their original condition. (i.e., have not been repaired)
- » These levels of performance were achieved from tests done according to conditions defined by the applicable standards.
- » For gloves that have multiple layers of material, performance levels are guaranteed for the whole glove, not for individual layers.
- » To decrease the risk of injury, gloves should not be worn around or when operating machines with moving parts.

### Storage and cleaning

These gloves are not suitable for cleaning.

Gloves should be stored in their original packaging and away from heat, cold and humidity and in areas that are clean and well-ventilated.

### Disclaimer

Scandia Gear is not liable for damages that result from improper use of these products.