Protection limit

- Scandia Gear'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: the palms of the gauntlets and gauntlets that are new, unwashed, and in their original condition (i.e., have not been repaired).
- These levels of performance were achieved from tests conducted according to conditions defined by the applicable standards.
- For gauntlets with multiple layers of material, performance levels are guaranteed for the whole gauntlet, not for individual layers.
- To decrease the risk of injury, gauntlets should no be worn, around or when operating, machines with moving parts.
- Keep away from fire.

Storage and cleaning

These gloves can be hand washed with a mild detergent and flat or line dried. Gloves should be stored in their original packaging and away from heat, cold and humidity and in areas that are clean and well-ventilated.

Explanation of the symbols

	Do not wash
	Do not bleach (also do not use chlorine based agents)
	Do not tumble dry
	Do not iron
	Do not dry clean

Disclaimer

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

Made with 100% recycled paper

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20230620V10

SCANSHARP

High performance razor wire gauntlets

ANSI APPROVED

RAZOR PROOF

User's Instruction

www.scandiagear.com

ROTTERDAM SINGAPORE HOUSTON DUBAI

MARITIME OUTFITTERS since 1974

Scandia®

SCAN**SHARP**

High performance razor wire gauntlets

Glove reference
ScanSharp

Available sizes
(according to EN 420:2003+A1:2009)

Size	Hand length mm	Hand perimeter mm
S/M	204/215	254/270
L/XL	215/226	279/290

Glove description
These razor wire gauntlets have an excessive cut resistancy and an optimal dexterity.

THESE GLOVES ARE PERSONAL PROTECTIVE EQUIPMENT AND BELONG TO CATEGORY II.
They meet the requirements of the Regulation 2016/425/EEC: 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 found at the Scandia Gear website (www.scandiagear.com), under the Scandia product name ScanSharp and through the link "Declaration of Conformity".

Read this information carefully before first wear and keep it for future reference.

Applicable standards

These gauntlets meet the requirements of the standard EN 420 "General requirements for work gloves". Obtained level of dexterity: Level 1. The gauntlets were also tested and approved against water vapour transmission. They have been designed for the following applications:

Application



EN 388
:2016+A1
:2018

4 X 4 4 F

EN 388:2016+A1:2018
Mechanical Hazards
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 (level 1-4): Level **4**

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

Blade cut resistance (level 1-5): Level **X**[1]

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 **4**

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

Resistance to cutting by sharp objects
EN ISO13997 (level A-F): **F**

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

1 : An **X** as result indicating that the glove was not tested against this type of protection.

ANSI APPROVED **ANSI 105:2016**
ASTM F2992:2015 - Blade cut resistance
The EN388 standard describes the Couptest method for cut resistance in which a circular blade is moving back and forth across the sample under a fixed load. The number of cuts needed to cut through the fabric is compared to the resistance of a reference cotton fabric and expressed in a cut resistance Index figure.

This test method has proven to be less suitable for materials with extremely high cut resistance. ASTM F2292:2015 is more suitable for this type of materials. In this method, a weight is applied to a straight edge razorblade moving back and forth through the sample. The weight is increased until the material breaks. The force needed to cut through the material is expressed in a cut level.

Obtained ASTM blade cut level on ScanSharp gloves (level A1-A9): **A9**