

Glove reference

ScanBlizzard

Available sizes

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

8/M, 9/L, 10/XL

Size	Hand Length mm	Hand perimeter mm
8/M	182	203
9/L	192	229
10/XL	204	254

Glove description

Synthetic winter working glove with neoprene, impact protection and cut resistance layer.

THESE GLOVES ARE PERSONAL PROTECTIVE EQUIPMENT AND BELONG TO CATEGORY II (Module B). They meet the requirements of the European Regulation (EU)2016/425: innocuous, comfortable, durable. They have been subjected to an EU-type Examination performed by:

Centexbel N.B. 0493

Technologiepark 70

B-9052 Zwijnaarde, Belgium

The EU Declaration of Conformity (DOC) can be found at the Scandia Gear website (www.scandiegear.com), under the Scandia product name ScanBlizzard and through the link "Declaration of Conformity".

Applicable standards

These gloves meet the requirements of the standard EN 420:2003+A1:2009 - "General requirement for work gloves". Dexterity: level 5. The gloves were also tested and approved against water vapour transmission. They have been designed for the following applications.

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



4X43FP

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 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

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
1,2	2,5	v5,0	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 3

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

TDM: 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

Resistance to cutting by sharp objects EN ISO13997 (level A-F): **X¹**. Resistance to impact: **P=Pass**

An **X** as result indicates dulling of the blade. For dulling during the cut resistance test (6.2), the coupe test results are only indicative while the TDM cut resistance test (6.3) is the reference performance result. The impact protection was tested on the knuckles and all layers on the backside. The protection does not apply to the fingers.

EN 511:2006



130

Cold protection - EN 511:2006

This Standard specifies test methods and performance requirements for gloves which offer protection against cold related hazards. Levels of performance (of which level 4 is the highest achievable level for convective and contact cold)

Resistance to convective cold: 1

Resistance to contact cold: 3

Water penetration (Level 1 - pass or 0 - fail): 0

Appendix 1: American National Standards Gloves in compliance with American National Standard:

ANSI/ISEA 105-2011 Clause 5.1: Mechanical protection
ANSI/ISEA 105-2011 Clause 5.6: Dexterity

Application

ANSI/ISEA 105-2011: AMERICAN NATIONAL STANDARD FOR HAND PROTECTION SELECTION CRITERIA: Clause 5.1: Mechanical protection

This American standard specifies the classification and testing of hand protection for specific performance properties related to chemical and industrial applications. These specific gloves are designed to offer protection against mechanical hazards. The tests that are selected are therefore: Cut resistance, puncture resistance, abrasion resistance.

Cut resistance (Level 1-5)	4
Puncture resistance (Level 1-5)	4
Abrasion resistance (Level 1-6)	6

Where 1 is the lowest and 5/6 the highest.

ANSI/ISEA 105-2011: AMERICAN NATIONAL STANDARD FOR HAND PROTECTION SELEC- TION CRITERIA: Clause 5.6: Dexterity

This glove was also tested against dexterity and obtained a level : 5 (Level 1-5)

Where 1 is the lowest and 5 the highest.

Warning:

The gloves may lose their insulative properties when wet. Several parameters should be considered in the selection process of a glove that protects against cold, such as those shown in the table below:

Environment	Environmental temperature. Atmospheric conditions (relative humidity) Wind speed
Individual conditions	Health and well-being of the person. Effect of other protective clothing worn by the person.
Occupation	Time of exposure. Activity level. Dexterity requirements. Contact with cold items. Contact with wet or dry objects.

General information

These gloves can be worn continuously for several hours and do not contain toxic, carcinogenic, mutagenic, or other substances that can affect the health or hygiene of the user adversely. No allergic reactions due to skin contact with this products are known.

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: the palms of the gloves and 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.
- These gloves should be kept away from fire.

Storage and cleaning

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

Explanation of the symbols

	Machine wash cold 30°C OR 86°F Reduce your footprint: wash less, save water and energy
	Do not bleach
	Do not tumble dry
	Do not iron
	Do not dry clean

Disclaimer

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