

Glove reference

ScanDefender

Available sizes

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

High density elastic nylon working gloves – nitrile coating.

These gloves are personal protective equipment and belong to category II. They meet the requirements of the EU Regulation 2016/425 and were subjected to an EU-type Examination performed by:

NB 0075, C.T.C

4, rue Hermann Frenkel

69367 LYON Cedex 07, FRANCE

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

Applicable standards

These gloves meet the requirements of the standard EN 21420:2020 "General requirements for protective gloves". Obtained level of dexterity: Level 5. They are designed for the following applications:

**EN 388:2016
+A1:2018**



4443D

Mechanical hazard

NEN - EN 388:2016+A1:2018

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 **4**

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 **3**

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): Level **D** (TDM test)

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

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.

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

ANSI/ISEA 105-2016 Clause 5.1:
Mechanical protection
ANSI/ISEA 105-2016 Clause 5.6:
Dexterity

Application

ANSI/ISEA 105-2016: AMERICAN NATIONAL STAND- ARD 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.

Levels of performance:

Resistance to cutting by sharp objects (level A1-A9):

A4

Abrasion resistance (level 1-6):

4

Puncture resistance - (level 1-5):

3

Where A1/1 is the lowest and A9/5/6 the highest.

ANSI/ISEA 105-2016: AMERICAN NATIONAL STAND- ARD FOR HAND PROTECTION SELECTION CRITERIA: Clause 5.6: Dexterity

This glove was also tested against dexterity and obtained a level: **5**

Where 1 is the lowest and 5 the highest.

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.
- Users should be warned that gloves should not be worn when there is a risk of entanglement by moving parts of machines.
- For gloves that have multiple layers of material, performance levels are guaranteed for the whole glove, not for individual layers.
- Before use, the gloves shall be visually checked. In case of defects (holes, Tears), the gloves shall be discarded.
- 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.

Ageing: Storage will likely not adversely affect performance on condition that the storage instructions stated above are followed up.

These gloves are not suitable for cleaning. Washing will reduce the protective properties. The gloves must therefore be removed from service and replaced when heavily soiled.

Explanation of the symbols

	Do not wash
	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.