

Glove reference

ScanPalladium-Pro

Available sizes

8/M - 9/L - 10/XL

Glove description

Impact protective multipurpose working glove.

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

NB 0598
SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki
Finland

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

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

Applicable standards - EN ISO 21420:2020

These gloves meet the requirements of the standard EN ISO 21420:2020 "General requirements for protective gloves". Obtained level of dexterity: Level 3. The gloves were also tested and approved against water vapour transmission and obtained Level 2 for water penetration (time of water penetration of 100 min). They are designed for the following applications:

EN 388:2016
+A1:2018



4342XP

Mechanical hazards - 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 **3**

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 **2**

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): **X¹**

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

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

Impact protection

The back side (knuckle area/all layers) of the gloves was exposed to impact protection according to the Standard EN 13594:2015. An anvil of 2.5 kgs providing an impact of 5J is used for this test. The transmitted force must not be higher than 7.0 kN (mean) and 9.0 kN (for a single result) to pass level 1 of the test.

Achieved performance: **Level 1** – expressed as "**P**" on the labeling

General product information

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

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

ANSI/ISEA 105-2011 Clause 5.1: mechanical protection

Application

ANSI/ISEA 105-2016: AMERICAN NATIONAL STANDARD FOR HAND PROTECTION SELECTION CRITERIA:

Clause 5.1.1: Mechanical protection

This American standard specifies the classification and testing of hand protection for specific performance properties related to chemical and industrial applications. Hand protection includes gloves, mittens, partial gloves, or other items covering the hand or a portion of the hand that are intended to provide protection against or resistance to a specific hazard. 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:

⁰Cut resistance (level A1-A9): **A4**

¹Puncture resistance (level 1-5): **3**

²Abrasion resistance (level 1-6): **6**

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

⁰Test method used: ASTM F2992M-2015






¹Test method used: ASTM F2878:2010 / Hypodermic
Needle puncture

²Test method used: ASTM D3884-09:2017

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.

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.