

E-53 Cut Resistant Gloves

This glove provide protection against cuts and tears through the high-strength glass fiber and nylon lining. Because of its polyurethane coating, it has high abrasion resistance in applications requiring dry grip.

Glove Lining

High cut resistance is shown for applications where sharp-edged objects are held and mounted.

Marking Field

Includes all information required to be provided as per the European norms.

Glove Coating

Dry surfaces are coated with polyurethane material with high gripping properties.

PU

Elastic Wrist Strap

It is designed to keep gloves fitted and to prevent exterior substances from penetrating into the gloves.

BINDING COLOR

Color separation has been made on the wristband part so that the size separation can be easily detected.

7/S 9/L
8/M 10/XL



Technical Specifications

Lining Material	Glass Fiber and Nylon
Coating Material	PU
Color	Gray
Sizes	7/S, 8/M, 9/L, 10/XL
Units per Package	120 Pairs
Packaging	1 Pairs
Category	CAT II
Standards	EN 388:2016+A1:2018 (4X41B) EN 407:2020 (X1XXXX) EN ISO 21420:2020



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COATED AREA AND LINING MATERIAL



PU COATING

PU

These gloves offer high performance in jobs requiring dry grip through the polyurethane coating in the palm. The wear life of polyurethane material's high wear resistance glove is extended.

GLASS FIBER + NYLON LINING

Seamless Glass Fiber and Nylon liner for high cut resistance for applications where sharp edges are retained and mounted.

STANDARDS

These gloves are intended to protect the hands against mechanical hazards as defined in the PPE Regulation (EU) 2016/425. This product is certified as per EN420 (General requirements and inspection methods for protective gloves) and EN388 (Mechanical Risk Protection).

EN 388:2016
+A1:2018



4X41B

EN 407
:2020



X1XXXX

EN ISO 21420
:2020



Dexterity Level
(min.1-max.5): **5**

Areas of Usage



Woodwork



Building and Construction



Glassware



Automotive and Transportation



Metal Production



Machine and Equipment

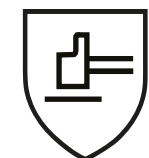


Logistics and Warehousing

These gloves are suitable for use in manufacturing of wood, wood products and cork products, manufacturing of paper and paper products, manufacturing of iron, steel and metal products, manufacturing of general purpose machines, manufacturing of planes or transport roads such as railways, automobiles, construction works in and outside of buildings, transportation and storage works, handling of glass and glass products and mechanical works.

STANDARD REMARKS

EN 388:2016



a b c d e f

EN 388 Protective Gloves for Mechanical Risks

This standard covers features and test methods for protective gloves against mechanical risks such as abrasion, cutting, tearing, puncturing.

FEATURES:

Protective gloves conforming to this standard must meet all applicable properties of EN 420. The performance level of a protective glove against mechanical risks should be at a higher level for one of the attributes (wear, knife cutting, tearing, puncture and impact protection) that are classified according to the least features of each level shown in the table below.

Note - Gloves that meet the specifications for puncture resistance may not be suitable for protection against sharp-pointed objects such as hypodermic needles.

The letter **X** means that the test has not been done or can not be performed.

PERFORMANCE LEVELS	1	2	3	4	5
a - Abrasion resistance (number of cycles)	100	500	2000	8000	-
b - Cut resistance (index)	1,2	2,5	5,0	10,0	20,0
c - Tear resistance (N)	10	25	50	75	-
d - Puncture resistance (N)	20	60	100	150	-

PERFORMANCE LEVELS	A	B	C	D	E	F
e - Cut Resistance (N)	2	5	10	15	22	30
f - Protection Against Impact	Pass (P) / Failed (No sign)					

EN 420



EN 420 General Specifications and Test Methods

This standard specifies the general requirements for the glove design and construction, protection against hazards, comfort, efficiency and marking and information applicable to all protective gloves. This standard also applies to arm protections.

Many gloves designed for electrical technicians or the most private applications such as surgical operations are governed by private and strict standards.

GLOVE SIZE	Fits Hand Size	Hand Circumference / Length	Minimum Glove Length
6	6	152/160 mm	220 mm
7	7	178/171 mm	230 mm
8	8	203/182 mm	240 mm
9	9	229/192 mm	250 mm
10	10	254/204 mm	260 mm
11	11	279/215 mm	270 mm

* For more detailed information on Standards, you can obtain **EN European Glove Standards Guidelines** from www.starlinesafety.com.

STANDARD REMARKS

EN 407 :2020



EN 407 Protection Against Temperature Risks (Heat and / or Fire)

This standard covers the properties of heat and / or fire protection gloves, the methods of testing, the information and marking required to be provided.

For protective gloves against thermal risks, the performance levels in the main pictogram are given in the following order.

- a:** Burning behavior (post-flame and after burning) (0-4)
- b:** Contact heat (contact temperature & threshold temperature) (0-4)
- c:** Convective heat (heat transfer index) (0-4)
- d:** Radiant heat (heat transfer) (0-4)
- e:** Small splashes of molten metal (0-4)
- f:** Large quantities of molten metal (0-4)

NOTE: Using an X instead of a number means "the glove is not produced for the intended use."

PERFORMANCE LEVELS		1	2	3	4
a. Resistance to burning behavior	After flare time (s)	≤ 20s	≤ 10s	≤ 3s	≤ 2s
	After glow time (s)	-	≤ 120s	≤ 25s	≤ 5s
b. Contact heat resistance	Contact temperature (°C)	100°C	250°C	350°C	500°C
	Threshold time (s)	≥ 15s	≥ 15s	≥ 15s	≥ 15s
c. Convection heat resistance (s)		≥ 4s	≥ 7s	≥ 10s	≥ 18s
d. Radiant heat resistance (s)		≥ 7s	≥ 20s	≥ 50s	≥ 95s
e. Resistance to small splashes of molten metal (drops)		≥ 10	≥ 15	≥ 25	≥ 35
f. Resistance to large quantity of molten metals (mass)		30g	60g	120g	200g

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Maintenance and Cleaning

We recommend you to clean gloves by a normal detergent with 40-60°C of water with maximum of 3 times. After the washing, the performance may not be seen which it is featured in associated pictograms. It is the responsibility of user to control whether glove is suitable for intended use or not, whether it is complete or not and whether protective functions are undamaged or not. User should carry out an examination against potential defects which are likely to adversely affect protection functions (punctures, tears, damaged seams, etc.).



Service Life

Gloves should be used within three years as of the manufacture date. Service life of the gloves are affected by several factors such as cold, hot, chemicals, sunlight and inadvisable storage.



Storage

Storage is a part of the maintenance and cleaning but is often ignored. Protective gloves should be stored in their original packaging which will keep them away from direct sunlight, chemicals and abrasive materials and protect them against physical damages of the hard surfaces or materials when it is not used or during shipment. Product should be stored in a dry and well-ventilated place. Availability of excessive humidity or intense light may adversely affect the product quality.

Order Information

MODEL	Size	Barcode	Box Quantity	Box Dimension	Box Weight
E-53	7 / S	8698547318126	120 Pairs	28 x 50 x 34cm	6.75kg.
E-53	8 / M	8698547318133	120 Pairs	28 x 50 x 34cm	7.00kg.
E-53	9 / L	8698547318140	120 Pairs	28 x 50 x 34cm	7.25kg.
E-53	10 / XL	8698547318157	120 Pairs	28 x 50 x 34cm	7.50kg.