

STL-1051 Cut-Resistant Antistatic Glove

Its cut-resistant and antistatic construction, flexible nitrile coating, and high-grip performance provide safe, comfortable, and controlled use.

Marking Area

It contains all the information required according to European standards. The label is sewn inside the glove.



Glove Coating

It is coated with nitrile material that prevents liquids from penetrating.

NBR

Additional Coating

Its additional coating provides enhanced wear resistance and allows for long-lasting use.

Cuff Color

The cuff is color-coded for easy identification of the glove size.

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

Technical Specifications

Liner Material	HPPE, Nylon, Tungsten, Spandex
Coating Material	Nitrile
Color	Black
Sizes	7/S, 8/M, 9/L, 10/XL
Carton Quantity	60 Pairs
Packaging	12 Pairs
Category	CAT II
Standards	EN ISO 21420:2020 EN 388:2016 + A1:2018 (4X41F) EN 407:2020 (X1XXXX) EN 16350:2014



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Coating Area and Lining Information



-  Indicates coating area.
-  Indicates extra coating area.

NITRILE COATING



These gloves protect the hands from liquid penetration through the palm thanks to their full nitrile coating. They provide protection against bases, oils, grease, animal fats, and many solvents.



HPPE, NYLON, TUNGSTEN AND SPANDEX LINER

HPPE and tungsten fibers, offering high cut resistance, are combined with nylon and spandex to create a durable, flexible structure that conforms to the hand.

STANDARDS

These gloves are designed to protect the hands against mechanical hazards as defined in PPE Regulation (EU) 2016/425. This product has been tested in accordance with EN ISO 21420 (Protective Gloves – General Requirements and Test Methods), EN 388:2016 (Protective Gloves Against Mechanical Risks), EN 407 (Protective Gloves Against Thermal Risks), and EN 16350:2014 (Protective Gloves – Electrostatic Properties – Test Method EN 1149-2).

EN ISO 21420
:2020



EN 388:2016
+A1:2018



4X41F

EN 407
:2020



X1XXXX

EN 16350
:2014



Vertical Resistance in accordance with EN1149-2:1997 as per EN16350:2014 requirements

Test Condition: Temperature 23 ± 1 °C, relative humidity $25 \pm 5\%$

ESD Property	Results (Each Individual Measurement)
Vertical Resistance (ohms)	$R_v < 1.0 \times 10^8 \Omega$

The testing has been conducted on the palm, back of hand, and cuff area of the glove. The potential applied during the test is 100V.

Areas of Use



Automotive and Transportation



Machinery and Equipment



Metal Production



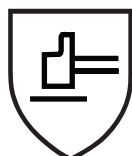
Electrical and Electronics

These gloves are specifically designed for use in automotive, white goods, and electronics manufacturing. They are suitable for use in semiconductor applications, photography and printing processes, precision assembly work, telecommunications, and the aerospace industry.

Standard Remarks

EN 388:2016 +A1:2018 EN 388:2016+A1:2018 Protective Gloves for Mechanical Risks

+A1:2018



a b c d e f

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 ISO 21420. 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 cannot 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 ISO 21420 :2020



EN ISO 21420:2020 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 specific 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 16350

:2014



EN 16350 / Protective Gloves – Electrostatic Properties

This standard covers additional requirements for protective gloves worn in areas where flammable or explosive atmospheres are present or may be present (see IEC 60079-32-1). This standard specifies requirements and a test method for the performance, marking and information of electrostatic dissipative protective gloves that minimize the risks of explosions.

EN 407

:2020



abcdef

EN 407:2020 with Protective Glove against Thermal Risks

This standard covers the properties, test methods, information required to be provided, and marking of protective gloves against heat and/or fire. For protective gloves against thermal risks, the performance levels on 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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Usage Information



Care and Cleaning

The gloves are not washable. They should only be cleaned by wiping. Gloves that are damaged, soiled, or have lost their safe-use properties must not be used and should be disposed of in accordance with local regulations. Do not attempt to repair the gloves.



Service Life

To maximize the service life of the gloves, they should be stored in a clean, dry, and well-ventilated environment after use. The gloves should be kept away from direct sunlight, tools, and sharp objects. The gloves must not be used if they are damaged, soiled, or no longer provide safe protection. Shelf Life: 5 years when stored unused under suitable conditions.



Storage

Store the gloves in their original packaging, protected from sunlight, artificial light, and moisture, at temperatures between 5°C and 25°C. Do not store the gloves after use until they are completely dry. Storing wet gloves may lead to the growth of mold, fungi, and bacteria.

Order Information

MODEL	Size	Barcode	Box Quantity	 Box Dimension	 Box Weight
STL-1051	7 / S	8680907013482	60 Pairs	38 x 28x 18cm	3.0 kg
STL-1051	8 / M	8680907013499	60 Pairs	38 x 28x 18cm	3.2 kg
STL-1051	9 / L	8680907013505	60 Pairs	38 x 28x 18cm	3.4 kg
STL-1051	10 / XL	8680907013512	60 Pairs	38 x 28x 18cm	3.6 kg