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Data Sheet

E-115100 Nitrile Gloves

These gloves provide protection against cuts and abrasions thanks to their high-strength aramid + fiberglass lining. Their nitrile coating offers liquid impermeability and superior performance.

Glove Liner
Thanks to its aramid fiberglass lining, it provides protection against cuts and abrasions.

Glove Coating
It is coated with nitrile material that prevents liquids from seeping in.

NBR

Marking Area
It contains all the information that should be provided according to European standards. The label is sewn inside the glove.

Elastic Wristband
It is designed to keep the glove in place and prevent external substances from penetrating into the glove.

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

Technical Specifications

Lining Material	Fireproof Aramid + Fiberglass
Coating Materia	Nitrile
Color	Yellow
Sizes	7/S, 8/M, 9/L, 10/XL
Package Quantity	120 Pairs
Packaging	12 Pairs
Category	KAT II
Standards	EN 388:2016+A1:2018 (4231B) EN 407:2020 (X1XXXX) EN ISO 21420:2020+A1:2024

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Coating Area and Liner Information

Indicates the coating area.

NITRILE COATING NBR

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

FIREPROOF ARAMID + FIBERGLASS LINING

These gloves protect workers against cut hazards. They also provide protection against potential injuries caused by cuts resulting from handling sharp-edged materials and tools.

STANDARDS

These gloves are designed to protect the hands against mechanical hazards as defined in the PPE Regulation (EU) 2016/425. This product has been tested in accordance with EN ISO 21420:2020+A1:2024 (General requirements and test methods for protective gloves), EN 388:2016+A1:2018 (Protective gloves against mechanical risks), and EN 407:2020 (Protective gloves against thermal risks).

EN 388:2016 +A1:2018	EN 407 :2020	EN ISO 21420 :2020+A1:2024
		
4231B	X1XXXX	

CE

Areas of Use

- Wood
- Construction and Building
- Glass
- Automotive and Transportation
- Metal Manufacturing
- Machinery and Equipment
- Logistics and Warehousing

Suitable for use in gripping tasks and mechanical operations during the manufacturing of wood, wood products and cork products; paper and paper products; iron, steel and metal products; general-purpose machinery; transportation equipment such as aircraft, railway and automotive; as well as in building and civil construction works, transportation and warehousing operations, and the manufacturing of glass and glass products.

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STANDARD REMARKS

EN 388:2016 +A1:2018

a b c d e f

EN 388:2016+A1:2018 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 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.

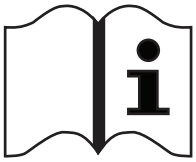
Note - Gloves that meet the specifications for puncture resistance may not be suitable for protection against sharp-pointed objects such as hypodermic needles.

The letter **X** means that the test has not been done or 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 ISO 21420:2020 +A1:2024



EN ISO 21420:2020+A1:2024 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.*

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STANDARD REMARKS

EN 407:2020

EN 407:2020 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 quantitites 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 (ºC)	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 cleaning the gloves using a brush made of synthetic materials. Glove cleaning must not be carried out with hard or abrasive materials. Under no circumstances should the gloves be washed by hand or in a washing machine. Before use, it is the user's responsibility to check whether the product is suitable for the intended use, complete, and whether its protective functions are intact. The user must carry out an inspection against possible defects that may adversely affect the protective functions (holes, tears, damaged connection points, etc.).

Service Life

Gloves must be used within five years from the date of manufacture. The service life of the gloves is affected by many factors such as cold, heat, chemicals, sunlight, and improper storage.

Storage

Storage is part of maintenance and cleaning; however, it is often overlooked. When not in use or during shipment, the gloves should be kept in their original packaging to protect them from direct sunlight, chemicals, and abrasive substances, as well as from physical damage caused by hard surfaces or materials. The product should be stored in a dry and well-ventilated place. Excessive humidity or intense light in the environment may negatively affect product quality.

Order Information

MODEL	Size	Barcode	Box Quantity	Box Dimension	Box Weight
E-115100	7 / S	8680907967495	120 Pairs	25x48x25 cm	7.40 kg
E-115100	8 / M	8680907967501	120 Pairs	25x48x25 cm	8.00 kg
E-115100	9 / L	8680907920087	120 Pairs	27x50x25 cm	9.00 kg
E-115100	10 / XL	8680907914376	120 Pairs	27x50x25 cm	10.00 kg