STARLINE

DATA SHEET

E-061 Welding Gloves

It is designed for use in welding applications. High abrasion resistance provides adequate protection. Burning resistance is high. There is no reinforcement in palms or fingers. It is one of the most economical models in its own class.



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

Technical Specifications

Palm Material*	Split Leather
Glove Back Material	Split Leather
Lining Material	Cotton
Size / Length	10/XL / 35cm
Carton Content	60 Pairs
Packaging	1 Pairs
Category	CAT II
Standards	EN 388:2016+A1:2018 (2122X) EN 407:2020 (31213X) EN ISO 21420:2020

*** Starline products do not contain pig leather.**

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REINFORCEMENT AREA AND LINING INFORMATION



Reinforced Area

REINFORCEMENT AREA

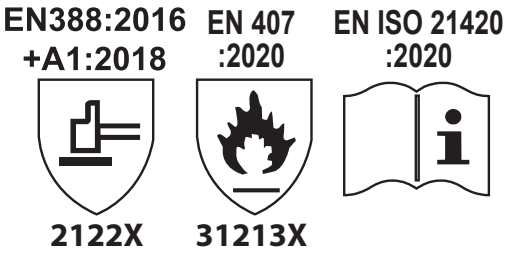
These gloves are sewn in one piece. There is no reinforcement in palms and fingers.

COTTON LINING

The soft cotton liner allows the hands to work comfortably.

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 EN ISO 21420 (General requirements and inspection methods for protective gloves), EN 388 (Mechanical Risk Protection) and EN 407 (Protective gloves against thermal risks).



CE

Areas of Use

- Construction and Building
- Automotive and Transportation
- Mine
- Cleaning
- Logistic and Storage
- Wood

It is used in many industrial welding operations, transportation and cutting of metal parts, installation and coating processes, heavy metal operations, injection molds, cold and hot parts use, repair mining, cargo handling and iron and steel industry. It is suitable for use in automotive and iron and steel industries during deburring and hot metal operations and when working with sharp edged sheets and metals.

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STANDARD REMARKS

EN ISO 21420:2020



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

This standard covers features and test methods of the protective gloves against mechanical risks such as abrasion, blade cut, tear and puncture.

REQUIREMENTS:

Protective gloves complying with this standard should fulfill all applicable requirements of EN ISO 21420. Performance level of a protective glove against mechanical risks should exceed the lowest level for each one in the following table (abrasion, blade cut, tear and puncture).

Note– Gloves fulfilling the requirements for puncture resistance may not be suitable for sharp-pointed objects such as hypodermic needles.

PERFORMANCE LEVELS	1	2	3	4	5
A - Abrasion resistance (cycles)	100	500	2000	8000	-
B - Blade 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	-

EN 388:2016



a b c d e f

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 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



abcdef

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 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 (°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 cleaning the gloves with a brush made of synthetic materials. The glove cleaner should not be made from hard and spoiled materials. It should definitely not be hand-washed and washed in the washing machine. It is the user's responsibility to check that the product is suitable for the intended use prior to use, is complete and that its protective functions are sound. The user must carry out an inspection against possible defects which may adversely affect the protection functions (holes, tears, damaged joints, etc.).

Service Life

The gloves must be used within five years from the date of manufacture. The life span of the glove affects many factors such as cold, hot, chemicals, sunlight, and improper storage.

Storage

Storage is part of maintenance and cleanliness; but are often overlooked. It must be stored in its original packaging that will keep the glove away from direct sunlight, chemicals and corrosive materials during shipment or during shipment and protect it from physical damage of hard surfaces or materials. The product should be stored in a dry and well-ventilated place. If there is too much moisture or intense light in the environment, the product may adversely affect quality.

Order Information

MODEL	Size	Barcode	Box Quantity	Box Dimesion	Box Weight
E-061	10 / XL	8698547303641	60 Pairs	22 x 36 x74 cm	22.00kg.