

E-636550 Knitted Aramid Heat Gloves

These gloves are made of heat resistant cotton and fireproof aramid fabric to protect against thermal burns in extreme heat environments. The special high temperature resistant aramid fabric makes them suitable for working in environments up to 250°C. The cotton lining allows hands to work in comfort and breathe.



Glove Liner
Cotton lining.

Hand Top Material
Cotton fabric that allows the hand to breathe.

● **Marking Area**
All information required by European norms is sewn into the glove.



● Technical Specifications

| | |
|-------------------|--|
| Lining Material * | Cotton |
| Material | Aramid fabric |
| Color | Yellow |
| Size | 9/L, 10/XL |
| Box Quantity | 60 Pairs |
| Packaging | 1 Pair |
| Category | CAT II |
| Standards | EN 388:2016+A1:2018 (234XX) EN ISO 21420:2020 EN 407:2020 (423XXX) |

* Pigskin is not used in Starline products.

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COATING AREA and LINING INFORMATION



■ Indicates the reinforcement area.
These gloves are unreinforced.

UNCOVERED

Designed especially for dry environment work without coating. Allows the hand to breathe.

FIREPROOF ARAMID LINING

Due to the fireproof aramid lining high cut resistance for applications where sharp-edged objects are handled and mounted, while providing protection against high temperatures.

STANDARDS

These gloves are designed to protect the hands against mechanical risks as defined in the PPE Regulation EU 2016/425. This product has passed EN ISO 21420:2020 (General requirements and inspection methods for protective gloves) EN388:2016+A1:2018 (Protection against Mechanical Risks) EN 407 (Protection against Thermal Risks).

EN 388:2016
+A1:2018



234XX

EN ISO 21420
:2020



EN 407:2020



423XXX



Glove Mobility
(min.1-max.5): 3

Areas of Usage



Construction and Building



Automotive and Transportation



Mining



Cleaning



Logistics and Storage



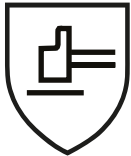
Woodworking

These gloves are used in many industries such as welding, handling and cutting of metal parts, assembly and coating, heavy metal operations, injection molds, cold and hot parts handling, repair, mining, load handling and in the iron and steel industry. It is suitable for deburring and hot metal working in the automotive and iron and steel industries and for working with sharp-edged sheet metal and metals.

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STANDARD DESCRIPTIONS

EN 388:2016



a b c d e f

EN 388 Protective Gloves Against Mechanical Risks

This standard covers specifications and test methods for protective gloves against mechanical risks such as abrasion, knife cutting, tearing, puncture.

FEATURES:

Protective gloves conforming to this standard shall meet all applicable specifications of EN 420. The performance level of a protective glove against mechanical risks shall be the higher level for one of the qualities (protection against abrasion, stab, tear, puncture and impact) classified according to the minimum characteristics of each level shown in the table below.

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

X means that the test was not performed or cannot be performed.

| PERFORMANCE LEVELS | 1 | 2 | 3 | 4 | 5 |
|--|-----|-----|------|------|------|
| a - Wear resistance (number of cycles) | 100 | 500 | 2000 | 8000 | - |
| b - Knife 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 - Impact Protection | Pass (P) / Fail (No mark) | | | | | |

EN ISO 21420



EN ISO 21420 General Properties and Test Methods

This standard specifies the general requirements for glove design, construction, hazard protection, comfort, efficiency and marking and information applicable to all protective gloves. This standard also applies to arm protection. Some gloves designed for the most specialized applications, such as electrical technicians or surgical activities, are governed by specific stringent standards.

| GLOVE SIZE | Suitable for Hand Size | Hand Circumference / Length | Min. 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 |

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STANDARD DESCRIPTIONS

EN 407



abcdef

EN 407 Protective Gloves 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.

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

- Ignition Resistance (0-4)
- Contact Heat Resistance (0-4)
- Transport Heat Resistance (0-4)
- Radiant Heat / Radiant Heat Resistance (0-4)
- Resistance to small drops of molten metal (0-4)
- Resistance to large amounts of molten metals (0-4)

NOTE: Using an X instead of a number means that "the glove is not intended for the use covered by the relevant experiment".

| PERFORMANCE LEVELS | | 1 | 2 | 3 | 4 |
|--|------------------------|-------|-------|-------|-------|
| Against Ignition | Flaming Time (s) | ≤ 20 | ≤ 10 | ≤ 3 | ≤ 2 |
| | Ember burning time (s) | - | ≤ 120 | ≤ 25 | ≤ 5 |
| Contact Heat | Contact Heat (°C) | 100°C | 250°C | 350°C | 500°C |
| | Threshold Time (s) | ≥ 15 | ≥ 15 | ≥ 15 | ≥ 15 |
| Convection Heat / Heat transfer delay (s) | | ≥ 4 | ≥ 7 | ≥ 10 | ≥ 18 |
| Radiant Heat / Heat transfer delay (s) | | ≥ 7 | ≥ 20 | ≥ 50 | ≥ 95 |
| Melted Small Metal Shards / Number of drops | | ≥ 10 | ≥ 15 | ≥ 25 | ≥ 35 |
| Large Amount of Molten Metal / Molten mass (g) | | 30 | 60 | 120 | 200 |

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Maintenance and Cleaning

Gloves can be washed with water at 40-60°C with normal detergent up to three times. After washing, the gloves may not offer the level of performance indicated by the respective pictograms. It is the user's responsibility to check before use that the product is suitable for the intended use, that it is complete and that its protective functions are intact. The user must carry out an inspection for possible defects that could adversely affect the protective functions (holes, tears, damaged joints, etc.).



Service Life



Gloves must be used within five years from the date of manufacture. Many factors affect the service life of gloves such as cold, heat, chemicals, sunlight, and improper storage.



Storage

Storage is part of maintenance and cleaning, but is often overlooked. When not in use or during shipment, the glove should be stored in its original packaging that will keep it away from direct sunlight, chemicals and corrosive substances and protect it from physical damage by hard surfaces or substances. The product should be stored in a dry and well ventilated place. Excessive humidity or intense light may adversely affect the quality of the product.

Order Information

| MODEL | Size | Barcode | Box Quantity |  Box Dimensions |  Box Weight |
|----------|---------|---------------|--------------|--|--|
| E-636550 | 9 / L | 8680907005593 | 60 Pairs | 46x41x39cm | 12,32 kg |
| E-636550 | 10 / XL | 8680907005586 | 60 Pairs | 46x41x39cm | 13,12 kg |