STARLINE

Product Datasheet

S1TK/18 Aramid Heat Gloves

These gloves are made of heat-resistant cotton and fireproof aramid cotton fabric in order to protect against thermal burns in extreme heat environments. It is suitable for working in environments up to 250°C due to its high temperature resistant special aramid fabric. The top of the glove is made of cotton fabric that allows the hand to breathe. Cotton lining allows hands to work and breathe comfortably.



Technical Specifications

Lining Material *	Cotton
Conch Material	Aramid Fabric
Color	Yellow
Size / Lenght	38cm / 10/XL
Box Quantity	30 Pairs
Packaging	1 Pair
Category	CAT III
Standards	EN 388:2016 (4442C) EN 407:2004 (433X3X) EN 420: 2003+A1 :2009

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COATING AREA AND LINING INFORMATION



Specifies the reinforcement area.

UNCOATED

It is designed as uncoated, especially for dry environment operations. It allows the hand to breathe.

FIREPROOF ARAMID LINING

Due to its fireproof aramid lining, it shows high cut resistance for applications where sharp-edged objects are held and mounted, and it also provides protection against high temperatures.

STANDARDS

These gloves are designed to protect hands against mechanical hazards defined in PPE directive 89/686/EEC. This product has passed the tests of EN388 (Protective Against Mechanical Risks), EN420 (General requirements and inspection methods for protective gloves) and EN407 (Protective Against Thermal Risks). In addition, it has passed food tests according to the European Commission's No: 10/2011 directive.

EN 388:2016

4442C

EN 420:2003 +A1:2009

EN 407:2004

433X3X

CE

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

Usage Areas

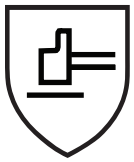
- Construction and Building
- Automotive and Transportation
- Mining
- Cleaning
- Logistics and Storage
- Wood

In many industries, it is used in welding processes, handling and cutting of metal parts, assembly and coating processes, heavy metal processes, injection molds, use of cold and hot parts, repairs, mining, load handling and iron and steel industry. It is suitable for use during deburring and hot metal processing in the automotive and iron and steel industries, and for working with sharp-edged sheets and metals.

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DESCRIPTIONS OF STANDARDS

EN 388:2016



a b c d e f

EN 388 Protective Gloves Against Mechanical Risks

This standard covers the specifications and test methods for protective gloves against mechanical risks such as abrasion, cut by knife, tear, puncture.

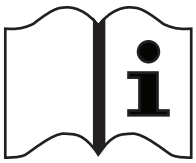
FEATURES:

Protective gloves conforming to this standard must meet all applicable requirements of EN 420. The performance level of a protective glove against mechanical risks should be higher for one of the attributes (protection against abrasion, knife cut, 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-pointed objects such as hypodermic needles.
The letter X means that the test was not performed or could not be applied.

PERFORMANCE LEVELS	1	2	3	4	5
a - Wear resistance (number of 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	-

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 420



EN 420 General Properties and Test Methods

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

GLOVE SIZE	Suitable for Hand Size	Hand Circumference/ Length	Glove's Min. Lenght
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 detailed information about the standards, you can access the **EN European Glove Standards Guide** at **www.starlinesafety.com**.*

DESCRIPTIONS OF STANDARDS

EN 407



EN 407 Protective Gloves Against Thermal Risks
This standard covers the requirements, test methods, information to be provided and marking of protective gloves against heat and/or fire.
Performance levels are given in the following order in the main pictogram for protective gloves against thermal risks.

a. Flamming Resistance (0-4)
b. Contact heat Resistance (0-4)
c. Transport heat Resistance (0-4)
d. Radiant Heat/ Radiant Heat Resistance (0-4)
e. Resistance to small molten metal drops (0-4)
f. Resistancetolargeamountsofmoltenmetal(0-4)
NOTE: *Using an X instead of a number means "the glove is not made for the use covered by the relevant experiment".*

PERFORMANCE LEVELS		1	2	3	4
Against Flamming	Burning Time with Flame (s)	≤ 20	≤ 10	≤ 3	≤ 2
	Burning Time in Ember (s)	-	≤ 120	≤ 25	≤ 5
Temas Isısı	Contact Temperature (oC)	100˚C	250˚C	350˚C	500˚C
	Thresold Time {s)	≥ 15	≥ 15	≥ 15	≥ 15
Convection heat / Heat transfer delay (s)		≥ 4	≥ 7	≥ 10	≥ 18
Radiant heat / Thermal transfer delay(s)		≥ 7	≥ 20	≥ 50	≥ 95
Molten Small Metal Pieces/ Number of Drops		≥ 10	≥ 15	≥ 25	≥ 35
Large Amount of Molten Metal / Molten Mass (g)		30	60	120	200

Maintenance and Cleaning

Gloves can be washed with normal detergent and water at a temperature of 40-60°C, maximum • threetimes.Oncethegloveshavebeenwashed,theymaynotdelivertheperformancelevel indicated by the respective pictograms. It is the user's responsibility to check, prior to use, that the product is suitable for the intended use, is complete, and that its protective functions are intact. The user must carry out an inspection for possible defects that could impair the protective functions (holes, tears, damaged joints, etc.).

Lifetime

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

Storage

Storage is part of maintenance and cleaning; but it is often overlooked. When not in use or during shipment, the gloves should be stored in their original packaging, which will keep them away from direct sunlight, chemicals and corrosive substances and protect them from physical damage to hard surfaces or materials. The product should be stored in a dry and well-ventilated place. Too much humidity or intense light in the environment can negatively affect product quality.

Order Information

MODEL	Size	Barcode
S1TK / 18	10 / XL	8680907006279