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Data Sheet

STL-1008 SFT Nitrile Glove

These gloves provide a strong grip in both dry and wet environments. The polyethylene and glass fiber liner offers protection against cuts, abrasion, and punctures. The soft nitrile coating prevents liquids from penetrating, providing superior protection and wearing comfort.

Glove Lining
Provides high cut resistance for applications involving the handling and assembly of sharp-edged objects.

Nitrile Coating
Coated with nitrile material that prevents liquids from penetrating.

SFT NBR



Elastic Wrist Cuff
Designed to keep the glove securely in place and prevent external substances from penetrating the glove.

Additional Coating
The additional coating enhances abrasion resistance and extends the product's service life.

Marking Area
Contains all the information required according to European standards.

Wrist Cuff Edge Color
Color coding is used on the wrist cuff to make it easy to identify the glove size.

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

Technical Specifications

Lining Material	18-G Polyethylene + Glass Fiber + Synthetic Yarn
Coating Material	SFT Nitrile
Color	Green
Sizes	7/S, 8/M, 9/L, 10/XL
Carton Quantity	72 Pairs
Packaging	1 Pair
Category	CAT II
Standards	EN 388:2016+A1:2018 (4X31B) EN ISO 21420:2020+A1:2024 EN 407:2020 (X1XXXX)

OEKO TEX® STANDARD 100 26.HTR.33566 Hohenstein

SMART FOAM TECHNOLOGY

SFT

Sanitized Actifresh

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GLOVE TEXTURE and LINING INFORMATION



Indicates the lower coating area.
Indicates the additional coating area.

NITRILE COATING NBR

These gloves protect the hands against liquid penetration through the full micro-foam nitrile coating on the palm. They provide protection against bases, oils, grease, animal fats, and many solvents.

GLASS FIBER + POLYETHYLENE LINING

The seamless glass fiber and polyethylene liner provides high cut resistance for applications involving the handling and assembly of sharp-edged objects.

STANDARDS

These gloves are designed to protect the hands against mechanical hazards as defined in PPE Regulation (EU) 2016/425. This product has passed the tests specified in 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
4X31B	X1XXXX	

CE

Areas of Usage

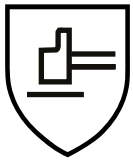
- Wood
- Construction and Building
- Glass
- Automotive and Transportation
- Metal Production
- Machinery and Equipment
- Logistics and Warehousing

Suitable for use in applications requiring grip and mechanical work during the manufacture 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, building and civil engineering works, transportation and storage activities, and the manufacture of glass and glass products.

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STANDARD REMARKS

EN 388:2016



a b c d e f

EN 388:2016 Protective Gloves for Mechanical Risks

This standard covers requirements and test methods for protective gloves against mechanical risks such as abrasion, cut, tear, and 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 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.

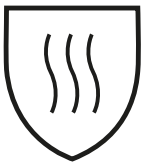
Note - Gloves that meet the specifications for puncture resistance may not be suitable for protection against sharp-pointed objects such as hypodermic needles.

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 407 2020:



a b c d e f

EN 407 Protection Against Temperature Risks (Heat and / or Fire)

This standard covers the requirements 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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STANDARD REMARKS

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 design and construction of gloves, protection against hazards, comfort, effectiveness, and marking and information applicable to all protective gloves. This standard also applies to arm protectors.
Certain gloves designed for highly specialized applications, such as those used by electrical technicians or for surgical procedures, are subject to specific and more stringent 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

STANDARD REMARKS

SMART FOAM TECHNOLOGY

SFT

STARLINE Smart Foam Technology
SMARTFIT: The SFT coating penetrates halfway into the lining. Only the soft lining comes into contact with the skin. The polymer does not come into contact with the skin. This also allows a large portion of the lining to remain free from the compound, providing high flexibility and resulting in enhanced dexterity. This flexibility enables SFT gloves to follow the natural contours of your knuckles more closely. This provides a seamless fit for exceptional comfort.
SMARTBREATH: Thanks to the "micro-capillary channels," heat generated inside the glove is rapidly dissipated, keeping the hands more comfortable. These air channels are carefully integrated into the coating of SFT gloves. The air channels extend from the inside of the coating to the outside of the glove.
SMARTDURABILITY: Using SmartDurability technology, SFT-coated gloves are made exceptionally durable. They are at least 30% more durable than even the next-best-performing glove!
SMARTGRIP: Thanks to the micro-capillary channels, the grip capability of the gloves is excellent on all surfaces. We conduct 27 different tests to evaluate the grip capability in all end-use applications. Objects: Metal, Glass, Wood Surfaces: Rough, Smooth, Wavy Environment: Dry, Wet, Oily Total: 3 × 3 × 3 = 27 GRIP TESTS

** For more detailed information on Standards, you can obtain **EN European Glove Standards Guidelines** from www.starlinesafety.com.*

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USER GUIDE

Maintenance and Cleaning

The gloves are not washable. Cleaning should only be carried out by wiping them appropriately. After use, make sure that the gloves are clean and dry. When cleaning the gloves, do not use any methods or substances that may damage the structure of the product. Do not continue to use gloves that are damaged, contaminated, or have lost their ability to provide safe use. Do not attempt to repair the gloves.

Service Life

Before each use, check the gloves for any damage, tearing, or signs of wear. Do not use gloves that are damaged or have lost their ability to provide safe use.

Storage

Store the gloves in their original packaging whenever possible, protected from sunlight, artificial light, and moisture, at temperatures between 5°C and 25°C. After use, store the gloves in a clean, dry, and well-ventilated area. Do not store wet gloves; moisture may cause the growth of mold, fungi, bacteria, and other harmful organisms, which may lead to skin irritation. Keep the gloves away from tools and other sharp objects.

Order Information

MODEL	Size	Barcode	Box Quantity	Box Dimensions	Box Weight
STL-1008	7 / S	8680907945936	72 Pairs	22 x 25 x 42cm	2.75kg.
STL-1008	8 / M	8680907945943	72 Pairs	22 x 25 x 42cm	3.25kg.
STL-1008	9 / L	8680907945950	72 Pairs	22 x 25 x 42cm	3.50kg.
STL-1008	10 / XL	8680907945967	72 Pairs	22 x 25 x 42cm	5.25kg.