

## E-93 Micro Foam Nitrile Gloves

These gloves feature strong grip to hold objects in dry or wet environments. Through its polyester lining, it is more comfortable, flexible. Thanks to its foam nitrile coating. It also offers fluid impermeability and superior properties.



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

**Glove Coating**  
It is coated with nitrile material which prevents the penetration of liquids.



**Elastic Wrist Strap**  
It is designed to keep gloves fitted and to prevent exterior substances from penetrating into the gloves.

**Binding Color**  
Color separation has been made on the wristband part so that the size separation can be easily detected.

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


### Technical Specifications

Lining Material	13-G Polyester
Coating Material	Foam Nitrile
Color	Grey
Sizes	7/L, 8/M, 9/L, 10/XL
Units per Package	120 Pairs
Packaging	1 Pairs
Category	CAT II
Standards	EN 388:2016 (4X21X) • EN 420: 2003+A1:2009 • Complies with Annex XVII of the European REACH

# STARLINE

## COATED AREA AND LINING MATERIAL



 Indicates coated parts.

### FOAM NITRILE COATING



These gloves protect the hands from liquid penetration thanks to the full nitrile coating on the palm side and also provides protection against alkalis, oils, greases, animal fats and many other solvents.

### POLYESTER LINING

The seamless polyester liner offers excellent comfort during applications where objects are held and mounted.

## 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 EN420 (General requirements and inspection methods for protective gloves) and EN388 (Mechanical Risk Protection).

EN 388:2016



4121X

EN 420:2003  
+A1:2009



Dexterity Level  
(min.1-max.5): 5

## Areas of Usage



Woodwork



Building and Construction



Glassware



Automotive and Transportation



Metal Production



Machine and Equipment



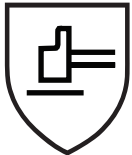
Logistics and Warehousing

These gloves are suitable for use in manufacturing of wood, wood products and cork products, manufacturing of paper and paper products, manufacturing of iron, steel and metal products, manufacturing of general purpose machines, manufacturing of planes or transport roads such as railways, automobiles, construction works in and outside of buildings, transportation and storage works, handling of glass and glass products and mechanical works.

# STARLINE

## STANDARD REMARKS

### EN 388:2016



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#### EN 388 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 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 420



#### EN 420 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](http://www.starlinesafety.com).

# STARLINE



## Maintenance and Cleaning

We recommend you to clean gloves by a normal detergent with 40-60 C of water with maximum of three times. After the washing ,the performance may not be seen which it is featured in associated pictograms. It is the responsibility of user to control whether glove is suitable for intended use or not, whether it is complete or not and whether protective functions are undamaged or not. User should carry out an examination against potential defects which are likely to adversely affect protection functions (punctures, tears, damaged, seams, etc.)



## Service Life

Gloves should be used within five years as of the manufacture date. Service life of the gloves is affected by several factors such as cold, hot, chemicals, sunlight and inadvisable storage.



## Storage

Storage is a part of the maintenance and cleaning but is often ignored. Protective gloves should be stored in their original packaging which will keep them away from direct sunlight, chemicals and abrasive materials and protect them against physical damages of the hard surfaces or materials when it is not used or during shipment. Product should be stored in a dry and well-ventilated place. Availability of excessive humidity or intense light may adversely affect the product quality.

## ● Order Information

MODEL	Size	Barcode	Box Quantity	Box Dimension	Box Weight
E-93	7 / L	8698547318041	120 Pairs	27 x 47 x 27cm	5.25kg.
E-93	8 / M	8698547318058	120 Pairs	27 x 47 x 27cm	5.50kg.
E-93	9 / L	8698547318065	120 Pairs	27 x 47 x 27cm	5.75kg.
E-93	10 / XL	8698547318072	120 Pairs	27 x 47 x 27cm	6.00kg.