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Data Sheet

E-125415 Anti-Vibration Gloves

Continuous and intense vibration pulses created by vibrating hand tools cause great discomfort to the user as the application time increases. When exposed for a long time, it causes serious irreversible diseases. It can cause fatigue, swelling and white finger disease (Raynoud's Syndrome) in long use.. This glove can be used in any industry where vibrating hand tools are used.

Marking Field
Contains all the information that should be given according to European norms.

Reinforcement Section
Thickened foam rubber ensure vibration absorption

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

Technical Specifications

Lining Material	Polyester
Coating Material	Foam Rubber
Sizes	9/L, 10/XL
Units per Package	30 Pairs
Packaging	1 Pairs
Category	CAT II
Standards	EN 388:2016+A1:2018 (3141A) EN ISO 21420:2020 EN ISO 10819:2013+A1:2019

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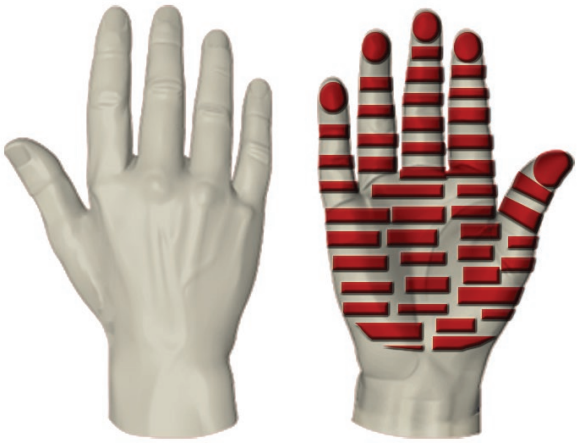
COATED AREA AND LINING MATERIAL



Indicates coated parts.

FOAM RUBBER COATING

These gloves offer excellent comfort to the user during work with vibrating hand tools that require a dry grip, thanks to their specially shaped foam rubber coating on the palm.

POLYESTER LINING

It offers excellent comfort during applications where objects are held thanks to its polyester lining. It provides protection against sweat thanks to its excellent air permeability.

STANDARDS

These gloves are designed to protect the hands against mechanical hazards as defined in the PPE Regulation (EU) 2016/425. This product has passed the tests EN ISO 21420 (General requirements and inspection methods for protective gloves), EN 388 (Protection against Mechanical Risks) and EN ISO 10819 (Mechanical vibration and shock - Hand arm vibration - Method for the measurement and evaluation of vibration transmitted through gloves to the palm of the hand).

EN388:2016 +A1:2018

3141A

EN ISO 21420 :2020

EN ISO 10819:2013+A1:2019

Property	Requirement	Result
Medium frequency spectrum	≤0.90	0.865
High frequency spectrum "H"	≤0.60	0.598

CE

Areas of Usage

- Woodwork
- Building and Construction
- 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.

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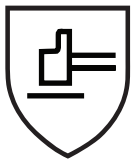
STANDARD REMARKS

EN 388:2016



a b c d e f

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 ISO 10819:2013 +A1:2019

EN ISO 10819:2013+A1:2019
Mechanical Vibration and Shock - Hand, Arm Vibration - Method for Measurement and Evaluation of Vibration Transmitted from Glove to Palm

SCOPE AND FIELD OF APPLICATION

This standard covers laboratory analysis for the measurement, evaluation and data analysis of vibration transmitted from the handle to the glove, from the glove to the palm, in the frequency range 31.5Hz - 1250Hz.

This standard is intended as a straining test to measure the vibration transmission of gloves to represent the specific use conditions of some hand-held and hand-guided machines and tools. Many factors are known to affect the vibration transmission of gloves. For this reason, the transmission values obtained according to this standard are not sufficient to make an assessment of health-related hazards caused by vibrations. The transmission of vibration is measured and recorded for two input spectra. It can also be represented as a function of frequency.

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

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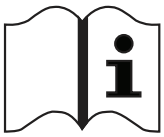
STANDARD REMARKS

EN ISO 21420 :2020



EN ISO 21420 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

USER GUIDE

Maintenance and Cleaning
We recommend you to clean gloves by a normal detergent with 40-60°C of water with maximum of 3 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 three years as of the manufacture date. Service life of the gloves are 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-125415	9 / L	8680907948531	30 Pairs	35 x 45 x 35 cm	5,10 kg
E-125415	10 / XL	8680907919982	30 Pairs	35 x 45 x 35 cm	6,10 kg