

# EMG 745

## CUT LEVEL D / A4 CUT RESISTANT GLOVE WITH PU COATING

A soft and comfortable medium cut resistant glove with polyurethane coating. Ideal for handling sharp parts in dry or greasy conditions.

### KEY FEATURES

- Cut resistance: Level D / A4
- A flexible and comfortable glove offering great dexterity
- Durable polyurethane palm coating ensures good protection against abrasion
- Contact heat protection up to 100°C / 212°F for a short period (15 sec max)
- Reinforced thumb crotch enhances durability
- Designed for easy movement and continuous wear
- Breathable back of hand to reduce perspiration
- Seamless knit prevents irritation
- Elasticated wrist provides a secure fit



### CERTIFICATION

CAT II	EN 388:2016 + A1:2018	EN 407:2020	ANSI/ISEA 105
	4X43D	X1XXXX	

See overleaf for explanation

### SUITABLE INDUSTRIES & APPLICATIONS

#### Typical Industries

- |             |              |
|-------------|--------------|
| Aerospace   | Logistics    |
| Engineering | Construction |
| Automotive  |              |

#### Suitable Applications

- |                   |                     |
|-------------------|---------------------|
| Assembly          | Maintenance         |
| Goods handling    | Precision mechanics |
| Light fabrication |                     |

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## PRODUCT INFORMATION

<b>MATERIALS</b>	LINER:	13 gauge HPPE, glass, nylon
	COATING:	Polyurethane
<b>COLOUR</b>	Grey/Black	
<b>LENGTH (mm)</b>	250 (Size Dependent)	
<b>CUFF STYLE</b>	Elasticated knit wrist	

## ORDERING INFORMATION

SIZE	CODE	PACKAGING
6/XS	EMG00745FB	10 pairs per bag (30% LDPE bag)
7/S	EMG00745FD	
8/M	EMG00745FF	120 pairs per case
9/L	EMG00745FH	
10/XL	EMG00745FJ	
11/XXL	EMG00745FL	
12/XXXL	EMG00745FN	

## RECOMMENDATIONS FOR USE

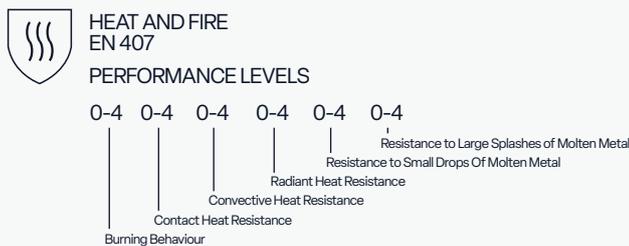
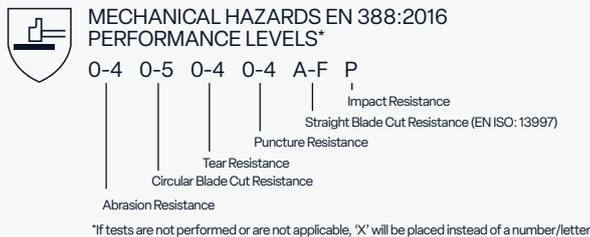
**USE:** General handling glove with cut protection. Not suitable for heat beyond 100°C / 212°F, thermal, electrical or chemical protection. Do not use near moving machines if there is a risk of entanglement.

**STORAGE:** Store in dry conditions in the original packaging and away from direct sunlight.

**CLEANING:** To clean, wipe with a damp cloth. Note: The performance characteristics of worn and laundered gloves may differ from the results shown. Inspect the gloves to ensure no damage is present.

**LIFETIME:** Service life depends on the glove application and therefore cannot be specified. It is the responsibility of user to ensure the glove is suitable for its intended use.

## CERTIFICATION LEGENDS



ANSI/ISEA 105-2016 ABRASION RATING CHART							
Abrasion Level Rating	0	1	2	3	4	5	6
Gram Load	500	500	500	500	1000	1000	1000
Abrasion Cycles to Fail	<100	≥100	≥500	≥1,000	≥3,000	≥10,000	≥20,000

CLASSIFICATION FOR CUT RESISTANCE	
Measured breakthrough time	Permeation performance index (grams)
A1	≥ 200
A2	≥ 500
A3	≥ 1000
A4	≥ 1500
A5	≥ 2200
A6	≥ 3000
A7	≥ 4000
A8	≥ 5000
A9	> 6000

ANSI/ISEA PUNCTURE RESISTANCE	
ANSI Puncture Level	Puncture Resistance (newtons)
1	10-19
2	20-59
3	60-99
4	100-149
5	150+

Puncture Resistance (ANSI/ISEA 105): Puncture resistance is determined by the max force that it takes, exerted from a probe, to puncture the fabric.