

Chain mail gloves and arm guards protection against cuts and stabs by hand knives
Chain mail gloves and arm guards

Reference number: EN 1082-1:1997

Status: European Standard

Scope: This standard specifies the requirements and tests for chain mail gloves and arm guards against cuts and stabs by hand knives

CONTENT

Requirements

- dimensions of the protective surface area of gloves and arm
- gloves shall be marked with their size based on the hand size they are designed to fit or with the colour coded strap..

| | | | | | | |
|---------------------------|---------|---------|---------|---------|---------|--------|
| Colour code | brown | green | white | red | blue | orange |
| Corresponding glove sizes | 5 – 5.5 | 6 – 6.5 | 7 – 7.5 | 8 – 8.5 | 9 – 9.5 | 10 |

- construction:
 - Rings of chain mail with an internal diameter no greater than 3,2 mm,
 - Dimensions of interstices that gauge with diameter 6,0 mm is unable to pass
- Mass: less than 4 kg / m².
- Stability to cleaning temperatures:
 - maximum cleaning temperature has to be marked in the information. If this temperature is below 82°C it has to be marked on the item
 - dimensional change < 10%

Mechanical requirements

- tensile strength: chain mail ≥ 100 N
- attachment of arm guards ≥ 150 N
- penetration resistance:
 - chain mail: mean penetration < 10 mm and no single penetration < 17 mm
 - rigid plastic or metal arm guards: mean penetration < 12 mm and no single penetration < 15 mm
 - rigid arm attachment: mean penetration < 12 mm and no single penetration < 15 mm

Marking:

According to EN 420

- name or identification of the manufacturer or importer
- manufacturer's type designation or style number
- size designation
- maximum permissible cleaning temperature if this below 82°C

Pictogram:



Information for the user:

According to EN 420

- a statement of the types of work for which the product is suitable
- how to collect the correct size
- how to position and adjust
- a warning to shorten the free ends of straps to 25 mm
- instructions for cleaning and sterilisation
- a warning about effects on the level of protection due to ageing, wear, etc...
- instructions for examination, tests and action when a ring or rings are lost from the chain
- instructions on how to recognise plastic degradation