

Protective gloves : General requirements

Reference Number: EN 420: 1994

Status: European Standard - This standard is a reference standard to be referred to in other standards. This standard can not be applied alone but only in association with a specific product standard.

Scope: This standard specifies the general requirements: ergonomic requirements, construction, sizing, high visibility, marking, information for the user for protective gloves.

CONTENT

Requirements

- Ergonomic: best possible degree of comfort that is consonant with the provision of adequate protection.
- innocuousness: The materials and components should not be known to affect adversarial the wearer.
- Do not harm the user in normal use..
- pH-value greater than 3,5 and less than 9,5.
- chromate content less than 10 ppm

- Sizing:

Hands Size	Palm Circumference	Length
6	152 mm	160 mm
7	178 mm	171 mm
8	203 mm	182 mm
9	229 mm	192 mm
10	254 mm	204 mm
11	279 mm	215 mm

- Gloves sizes: six sizes are defined

Size	Minimum Length
6	220 mm
7	230 mm
8	240 mm
9	250mm
10	260 mm
11	270 mm

Remark: Gloves for special applications with sizes that do not conform with the values shall be shown to be designed: "fit for purpose".

- dexterity: 5 performance levels, determined by a test in which metal bars of various diameter are picked up.
- absorbing power and permeability: If required the gloves of leather should have water vapour resistance lower than 2 mg/(cm².h).

Marking :

Each protective glove marked with the following information:

- Name or trade mark or identification of the manufacturer or authorized representative
- Glove designation (commercial name or code)
- Size designation
- EC mark
- If needed, limit date of use
- If marking on the glove is deemed to reduce the performance level or is incompatible with the application, marking will be on the smallest packaging enclosure.

Each smallest commercial packaging enclosure will be marked with the following:

- Name and full address of manufacturer or authorized representative
- Glove designation (commercial name or code)
- Information on the available size range
- Where applicable, pictograms indicating
- Protective fields with corresponding performance levels.
- Instructions for use if relevant

Instructions for use:

the following minimum information shall be supplied:

- Name and full address of manufacturer or authorized representative
- Glove designation (commercial name or code)
- Information on the available size range
- Where applicable, pictograms indicating protective fields with corresponding performance levels.
- instructions for use if relevant
- care instructions:
 - storage instructions if relevant
 - cleaning pictograms and the number of cleaning operations
- reference to accessories and spare parts if relevant
- type of packaging suitable for transport

Instructions for use:

To be provided by the manufacturer in at least the official language(s) of the country of use; precise and understandable for the user.

Contents :

- name and full address of manufacturer or authorized representative
- glove designation (commercial name or code)
- information on the available size range
- where applicable, pictograms indicating protective fields with corresponding performance levels.
- instructions for use if relevant
- care instructions
 - storage instructions if relevant
 - cleaning pictograms and the number of cleaning operations
- reference to accessories and spare parts if relevant
- type of packaging suitable for transport

Pictograms

