

Protective gloves against mechanical risks

Reference number: EN 388 : 1994

Status: European Standard

Scope: This standard applies to gloves that protect against physical and mechanical hazards. This standard specifies requirements for abrasion resistance, perforation resistance, tear resistance and cutting resistance.

Comment: Anti-vibration gloves are not covered by this standard.

CONTENT

General requirements :

Comply with the general requirements of EN 240 concerning:

- design principles,
- construction,
- innocuousness,
- comfort and effectiveness.

Size : According to EN 420

Mechanical requirements:

The resistance against abrasion, cutting, tearing and perforation is expressed as a performance level for each property. This performance level indicates that the minimum requirement for that characteristic has been exceeded.

Characteristics	level 1	level 2	level 3	level 4	level 5
Abrasion resistance (number of cycles)	100	500	2000	8000	---
Cutting resistance (index)	1.2	2.5	5	10	20
Tear resistance (in Newton)	10	25	50	75	---
Perforation resistance (in Newton)	20	60	100	150	---

If required, information shall be given on:

- resistance to impact
- cut electrostatic properties: electric resistance from $10^6 \Omega$ to $10^9 \Omega$.

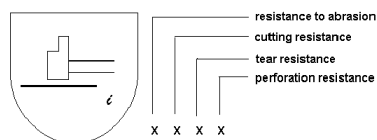
Labelling:

According to EN 420 :See pictograms

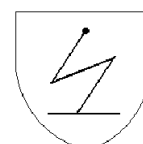
Pictograms :

Note:

1. For the resistance to impact cut and electrostatic properties special pictograms are used.
2. When the performance level is lower than 1, a "0" shall be declared.



Protection against impact cut



Protection against electrostatic charges

Information for the end-user: According to EN 420