

# EN388

## 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.*

### *General requirements*

- Comply with the general requirements of EN420 concerning:
- Design principles
- Construction
- Innocuousness
- Comfort and effectiveness

### **Size**

-According to EN420

## 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.

characteristic	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	5,0	10,0	20,0
tear resistance ( in Newton)	10	25	50	75	---
perforation resistance (in Newton)	20	60	100	150	---

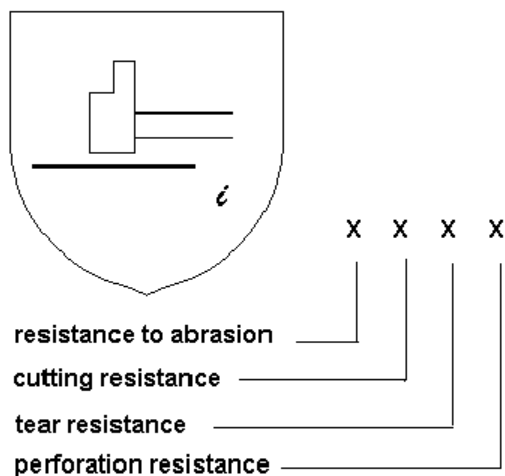
If required, information shall be given on:

- Resistance to impact cut
- Electrostatic properties: electric resistance from  $10^{6\Omega}$  to  $10^{9\Omega}$ .

## Pictograms

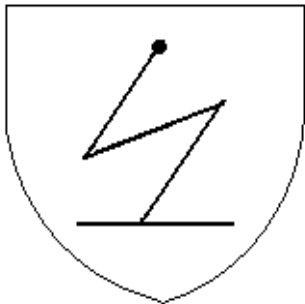
Note:

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 user**

According to EN420