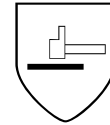


Hand Protection EU Standards

Main standards concerning Hand Protection.

MECHANICAL RISKS

EN388



The EN388 standard applies to all types of protective glove with respect to physical and mechanical aggression from abrasion, cutting from slicing, perforation and tearing.



Mechanical risks: Standard EN388

Performance Levels	Requirements
0 to 4	RESISTANCE TO PERFORATION Force required to pierce the sample with a standardised punch
0 to 5	RESISTANCE TO TEARING Maximum force required to tear the sample
0 to 4	RESISTANCE TO CUTTING WITH A BLADE Number of cycles required to cut the sample at constant speed
0 to 4	ABRASION RESISTANCE Number of cycles required to damage the sample at constant speed

TEST	Level 1	Level 2	Level 3	Level 4	Level 5
Abrasion resistance (number of cycles)	100	500	2,000	8,000	-
Blade cut resistance (index)	1.2	2.5	5.0	10.0	20
Tear resistance (N)	10	25	50	75	-
Puncture resistance (N)	20	60	100	150	-

GLOVE SIZES AS PER STANDARD EN420

Glove Size	Hand Dimensions (mm)		Minimal glove length
	Palm glove length	Length	
6	152	160	220
7	178	171	230
8	203	182	240
9	229	192	250
10	254	204	260
11	279	215	270