# Standard EN 388: 2003 : Marking & Information

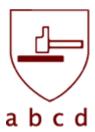
## **Gloves Giving Protection from Mechanical Risks**

#### Scope

This standard applies to all kinds of protective gloves in respect of physical and mechanical aggressions caused by abrasion, blade cut, puncture and tearing.

## **Definitions and Requirements**

Protection against mechanical hazards is expressed by a pictogram followed by four numbers (performance levels), each representing test performance against a specific hazard.



### The 'Mechanical Risks' pictogram is accompanied by a 4-digit code:

- Resistance to abrasion: based on the number of cycles required to abrade through the sample glove.
- Blade cut resistance: based on the number of cycles required to cut through the sample at a constant speed.
- > Tear resistance: based on the amount of force required to tear the sample.
- > Puncture resistance: based on the amount of force required to pierce the sample with a standard sized point.

In all cases, [0] indicates the lowest level of performance, as follows:

Test Items	Performance Level Rating					
	0	1	2	3	4	5
a. Abrasion resistance (cycles)	< 100	100	500	2000	8000	-
b. Blade cut resistance (factor)	< 1.2	1.2	2.5	5.0	10.0	20.0
c. Tear resistance (newton)	< 10	10	25	50	75	-
d. Puncture resistance (newton)	< 20	20	60	100	150	-

These performance levels must be prominently displayed alongside the pictogram on the packaging which immediately contains the gloves.

Website: http://www.anysafe-glove.com/