

NEW STANDARD EN 388: 2016

Gloves giving protection from mechanical risks

EN 388



abcdef



HOW TO READ THE NEW EN 388

The new EN 388 reports 5 or 6 separate mechanical performance measures, including two complementary scores for cut performance and the first ever test method for impact resistance applicable to mechanical protective gloves.

PERFORMANCE LEVEL RATING	1	2	3	4	5
a Abrasion Resistance (Cycles)	100	500	2000	8000	–
b Blade Cut Resistance (Coupe Test/Index)	1.2	2.5	5.0	10.0	20.0
c Tear Resistance (Newton)	10	25	50	75	–
d Puncture Resistance (Newton)	20	60	100	150	–

PERFORMANCE LEVEL RATING	A	B	C	D	E	F
e EN ISO Cut Resistance (Newton)	2	5	10	15	22	30
f EN Impact Protection	PASS or FAIL					

Level X can also be applied for a through e above, which means “not tested” or “not applicable”

SUMMARY OF THE MAIN CHANGES

1. ABRASION

New abrasion paper used in testing.

2. CUT

- New procedure for coupe test which also determines if dulling occurs.
- If dulling, the new EN ISO 13997 test method becomes the reference whilst the coupe test would only be indicative.

3. IMPACT

Test method for areas claiming impact protection. P for pass whilst no code will apply in case of fail.

➤ Ansell has developed a range of tools to make the new standards simple to understand and easy to adopt.

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