



Regulatory Compliance

Cut Through the Confusion

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UNDERSTANDING YOUR PROTECTION AGAINST MECHANICAL RISKS



UNDERSTANDING YOUR CUT GLOVE

IDENTIFYING YOUR PROTECTION: REPORTING & MARKINGS

The new standards have more cut resistance levels which make them more precise and accurate when it comes down to determining the cut level of a glove. Before the update, an ANSI level A4 would range from 1500 up to 3499 grams. It was therefore suitable for both manufacturing as well as metal stamping; two applications with very different cut resistance requirements. The new levels make it much easier to identify the different cut protection levels.

REPORTING & MARKINGS EN 388

EN 388 (CE) OLD STANDARD



3 4 5 X

EXAMPLE

Abrasion (cycles)	LEVEL 3
Cut (Coup Test)	LEVEL 4
Tear (N)	LEVEL 5
Puncture (N)	NOT TESTED

EN 388 (CE) NEW STANDARD



3 X 5 X E P

EXAMPLE

Abrasion (cycles)	LEVEL 3
Cut (Coup Test)	NOT TESTED
Tear (N)	LEVEL 5
Puncture (N)	NOT TESTED
Cut (TDM-100 Test)	LEVEL E
Impact Protection	ACHIEVED

REPORTING & MARKINGS ANSI

ANSI/ISEA ASTM F2992-15 OLD STANDARD



LOAD (GRAMS)	ANSI/ISEA 105-11
<200	0
201-499	1
500-999	2
1000-1499	3
1500-3499	4
> 3500	5

Cut level 4 from the old standard has been segmented into 3 levels which makes the new A levels more precise. Furthermore, the levels A7 – A9 include a heavier load (amount of grams) and therefore differentiate superior cut-resistant gloves in a more effective way.

ANSI/ISEA ASTM F2992-15 NEW STANDARD



LOAD (GRAMS)	ANSI/ISEA 105-11
<200	•
201-499	A1
500-999	A2
1000-1499	A3
1500-2199	A4
2200-2999	A5
3000-3999	A6
4000-4999	A7
5000-5999	A8
> 6000+	A9

Click [here](#) for a downloadable PDF of the above infographic.

Check out SHOWA's short cut-resistant glove video to help you better understand the global cut standards and choose the cut level you need for the application at hand.

