



Ansell

GUIDE TO UNDERSTANDING ABRASION RESISTANCE ACCORDING TO EN 388:2016 STANDARDS

Abrasion resistance in protective gloves is measured on a 5-level scale of 0-through-4 based on the EN 388:2016 standard. It is important to understand performance levels associated with each standard as well as the most appropriate levels for specific applications.

EN ABRASION STANDARD

EN 388:2016



abcdef

The EN 388 shield pictogram can report up to 6 separate mechanical performance measures. Position "a" on the shield's pictogram represents the Abrasion Resistance, measured in cycles.

EN 388:2016 Abrasion Standard			
ABRASION LEVEL RATING	ABRASION CYCLES TO FAIL	PROTECTION LEVEL	APPLICATIONS
0	<100	Very Low	Delivery of parts to production line / light assembly tasks / assembling & mounting components
1	100	Low	Press shop operations / assembly & inspection of components / equipment repair & maintenance
2	500	Moderate	Inspection, selection, checking parts / assembling & mounting components / maintenance / touching up / final assembly
3	2000	High	Loading & unloading equipment / handling of goods / picking & fastening components / product shipping, transport & delivery
4	8000	Extreme	Assembling metal parts & components / handling sharp or irregular metal pieces / handling metal sheets & panels / final assembly