



ANSI 105 & EN 388

WHAT YOU NEED TO KNOW!

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ANSI 105 & EN 388 BOTH TEST GLOVES FOR MECHANICAL RISKS



ABRASION



CUT



TEAR



PUNCTURE

- BUT -

CUT IS KING!



ANSI/ISEA 105-2016
IS THE US STANDARD
FOR GLOVE TESTING

NEW ANSI CUT TEST: ASTM F2992-15

TDM
(TOMODYNAMOMETER)
MACHINE PULLS A BLADE IN 20MM PATHS
ACROSS GLOVE SURFACE
UNDER VARIED GRAM LOADS AND
MEASURES THE WEIGHT NEEDED
TO CUT THROUGH //////////////

ANSI 105 PRE-2016



NEW ANSI 105-2016

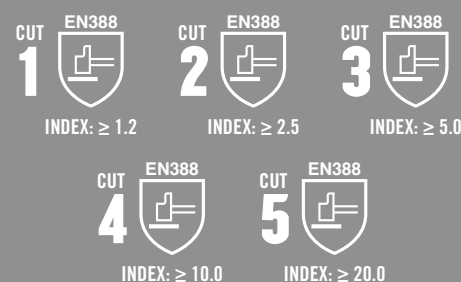


EN 388:2016
IS THE EU STANDARD
FOR GLOVE TESTING

2016 REVISION NOW SPECIFIES TWO EN CUT TESTS: BLADE CUT & ISO 13997

START HERE:

EN BLADE CUT: ROTATING BLADE UNDER A FIXED
COUPE TESTER WEIGHT THAT SPINS ON GLOVE
MACHINE SURFACE UNTIL CUT THROUGH;
COMPARES RESULTS TO REFERENCE
FABRIC //////////////



IF GLOVE MATERIAL DULLS COUPE TESTER BLADE,
USE ISO 13997 CUT TEST.

EN 388:2016 IS ALSO
REFERENCED GLOBALLY
(CAN, MEX, AUS/NZ, S. AMERICA)

ISO 13997: PULLS A BLADE IN 20MM PATHS
TDM ACROSS GLOVE SURFACE AND
MACHINE MEASURES THE FORCE NEEDED
TO CUT THROUGH IN NEWTONS
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ASTM & ISO CUT TESTS NOW ALLOW FOR A MORE
ACCURATE COMPARISON.