

STANDARDS

EN388:2016



3X33D

ANSI / ISEA 105:2016



TEST METHODS



EN388:2016
COUPE TEST



13997
TDM TEST



F2992
TDM TEST

RATINGS

MEASURED BY
INDEX: 1-5

MEASURED IN
NEWTONS: A-F

ANSI A1 ANSI A2 ANSI A3 ANSI A4 ANSI A5 ANSI A6 ANSI A7 ANSI A8 ANSI A9

MEASURED IN
GRAMS

COMPARISON RATINGS

LOW CUT RATINGS		HIGH CUT RATINGS		
1	2	3	4	5

LOW CUT RATINGS	A	≥ 2 NEWTONS GENERAL PURPOSE
	B	≥ 5 NEWTONS AUTOMOTIVE
HIGH CUT RATINGS	C	≥ 10 NEWTONS OIL & GAS
	D	≥ 15 NEWTONS MANUFACTURING
	E	≥ 22 NEWTONS METAL FABRICATION
	F	≥ 30 NEWTONS METAL STAMPING

LOW CUT RATINGS	ANSI A1 CUT	200-499 GRAMS TO CUT ASSEMBLY, MAINTENANCE, MATERIAL HANDLING, SHIPPING AND RECEIVING
	ANSI A2 CUT	500-999 GRAMS TO CUT ASSEMBLY, APPLIANCE MANUFACTURING, AUTOMOTIVE, CONSTRUCTION, METAL HANDLING
HIGH CUT RATINGS	ANSI A3 CUT	1,000-1,499 GRAMS TO CUT APPLIANCE MANUFACTURING, AUTOMOTIVE, CONSTRUCTION, METAL HANDLING, OIL AND GAS
	ANSI A4 CUT	1,500-2,199 GRAMS TO CUT APPLIANCE MANUFACTURING, CONSTRUCTION, METAL STAMPING, OIL AND GAS
	ANSI A5 CUT	2,200-2,999 GRAMS TO CUT APPLIANCE MANUFACTURING, CONSTRUCTION, MACHINING, PAPER PRODUCTION
	ANSI A6 CUT	3,000-3,999 GRAMS TO CUT APPLIANCE MANUFACTURING, MACHINING, PAPER PRODUCTION, METAL STAMPING
	ANSI A7 CUT	4,000-4,999 GRAMS TO CUT ASSEMBLY/MOVEMENT OF OBJECTS WITH SHARP EDGES, FOOD PREP, MEAT PROCESSING
	ANSI A8 CUT	5,000-5,999 GRAMS TO CUT ASSEMBLY/MOVEMENT OF OBJECTS WITH SHARP EDGES, WASTE MANAGEMENT
	ANSI A9 CUT	6,000+ GRAMS TO CUT ASSEMBLY/MOVEMENT OF OBJECTS WITH SHARP EDGES, RECYCLING