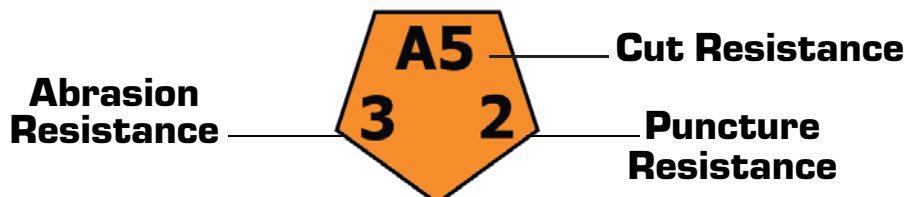


Glove Markings & Ratings Summary-ANSI/ISEA

ANSI/ISEA 105-2023 Icon Design

ANSI/ISEA 105



**C.A.P. if you read
it counter clockwise**

ANSI/ISEA 105-2016 Taber Abrasion

ASTM D3389-10, ASTM D3884-09

Abrasion Level	Gram Load	Abrasion Cycles to Fail	Protection Level
0	500	<100	Very Low
1	500	≥100	Very Low
2	500	≥500	Low
3	500	≥1,000	Moderate
4	1000	≥3,000	High
5	1000	≥10,000	High
6	1000	≥20,000	Extreme

ANSI/ISEA 105-2016

Cut Resistance ASTM F2992-15 (TDM)

ANSI CUT A1	200-499g
ANSI CUT A2	500-999g
ANSI CUT A3	1,000-1,499g
ANSI CUT A4	1,500-2,199g
ANSI CUT A5	2,200-2,999g
ANSI CUT A6	3,000-3,999g
ANSI CUT A7	4,000-4,999g
ANSI CUT A8	5,000-5,999g
ANSI CUT A9	6,000g +

ANSI/ISEA 105-2016 Puncture Resistance EN388 Clause 6.4

Level	Newtons
0	<10
1	>10
2	>20
3	>60
4	>100
5	>150

ANSI/ISEA 105-2016 Hypodermic Needle Puncture ASTM F2878 w/ 25 Gauge Needle

Level	Newtons
0	<2
1	>2
2	>4
3	>6
4	>8
5	>10

ANSI/ISEA 138-2019 Impact Resistance

Performance Level	Mean (kN)	All Impact (kN)
ANSI / ISEA 138 1	≤ 9	< 11.3
ANSI / ISEA 138 2	≤ 6.5	≤ 8.1
ANSI / ISEA 138 3	≤ 4	≤ 5

Flame Resistance ASTM F1358-16

Level	Flame Exposure	After-Flame time(s)
0	3	>2
1	3	<2
2	12	>2
3	12	<2
4	No ignition in either 3- or 12-second exposure period.	

Heat Degradation Resistance ISO 17493:2000

Level	Temperature Celsius
0	<100
1	100
2	180
3	260
4	340

Heat Degradation Resistance ASTM 1060-08

Level	Temperature Celsius
0	<80
1	80
2	140
3	200
4	260
5	320