

PUNCTURE LEVELS 101:

When you hear the words “puncture hazard”, does a large object such as a shard of glass come to mind, or is it the skin-piercing prick of a hypodermic needle? The fact is, both of these are legitimate puncture threats although they pose very different hazards. That’s why there are two standards used to measure the puncture-resistance of safety gloves – one for large objects and one for fine objects.

HOW IS PUNCTURE RESISTANCE MEASURED?

When we say wrong type of puncture resistance, it doesn’t mean that one is better than the other. There are two standards used to measure puncture resistance and each one has its own specific use:



EN 388:

EN 388 is the standard used to classify puncture-resistance for large objects including glass, lumber, and sharp metals. Those employed in industries such as lumber, metal fabrication, and waste collection will want to ensure their safety gloves provide adequate protection under this standard.

LEVEL	PUNCTURE (NEWTONS)
0	< 10
1	≥ 10
2	≥ 20
3	≥ 60
4	≥ 100
5	≥ 150



ASTM F2878:

For punctures from fine objects such as hypodermic needles, the standard that is used is ASTM F2878. Workers in industries exposed to sharps such as law enforcement and medical will want to ensure their safety gloves have been tested according to this standard, specific to hypodermic needles.

LEVEL	PUNCTURE (NEWTONS)
0	< 2
1	≥ 2
2	≥ 4
3	≥ 6
4	≥ 8
5	≥ 10

S10LXPB

10-Gauge Cotton/PolyKnit Glove with Hi-Viz Latex Palm Lined with Punkban™



FINE OBJECT
PUNCTURE THREAT

S13TAFGPU

Composite Knit Cut-Resistant Gloves with Polyurethane Palms



LARGE OBJECT
PUNCTURE THREAT

PUNKBAN™ TECHNOLOGY

Superior Glove's proprietary Punkban™ offers unparalleled protection in a woven material. This breakthrough was made possible by bringing together leading-edge textile technology in spinning and weaving para-aramids, in a method pioneered by Superior Glove. The resultant densely-woven Kevlar® is still flexible and supple yet unbelievably puncture resistant.

This engineered fabric is incorporated in our exclusive range of gloves that provide incredible puncture protection. You'll experience dexterity like never before with our full line of puncture-resistant Punkban™ gloves.

