



# CHOOSE THE **BEST** PUNCTURE GLOVE



Choose the right  
puncture standard

Fine object puncture threat:

**ASTM F2878**  
modified standard.

If you are dealing with fine,  
sharp objects such as  
medical needles.



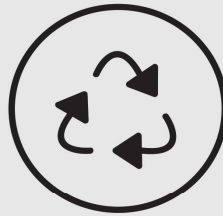
waste handling



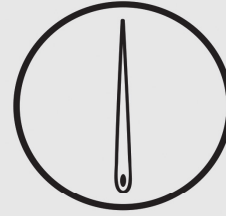
law  
enforcement



pulp & paper



recycling  
(risk of needles)



sharps handling



Large object puncture threat:

## EN 388:1994

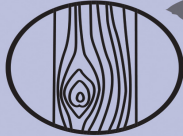
When dealing with larger objects that pose a puncture threat (lumber industry, metal fabrication, waste collection)



glass



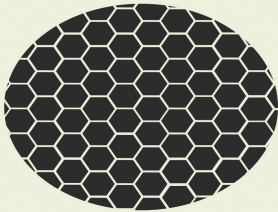
recycling  
(without risk of  
needles)



lumber



# Pros and Cons of Materials



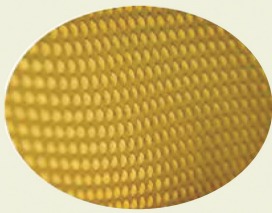
## Epoxy Plates

### PROS:

- Very high cut resistance
- Good puncture resistance

### CONS:

- Must be used in multiple layers to deliver puncture protection because of gaps in plates.
- Multiple layers can result in stiff and bulky gloves.



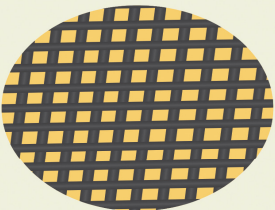
## Woven Kevlar® (similar to Punkban™)

### PROS:

- Good puncture resistance
- Good cut resistance

### CONS:

- Different manufacturers offer a wide range of flexibility and puncture resistance.
- May not be as cut-resistant as epoxy plates.



## Steel Mesh

### PROS:

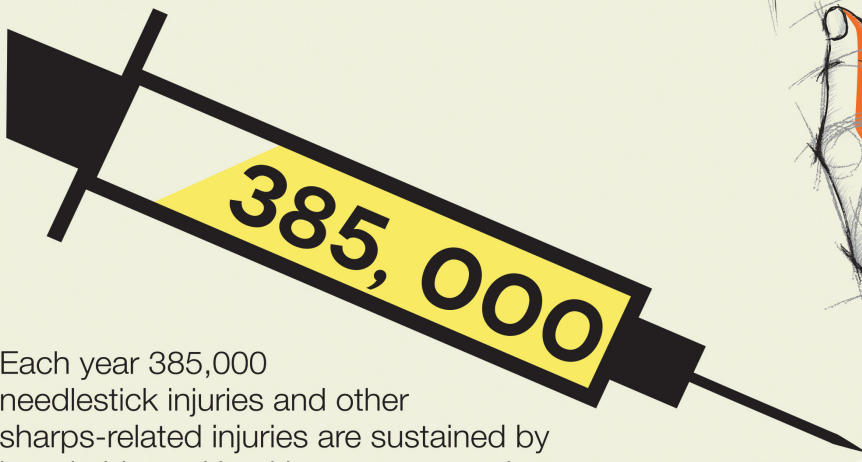
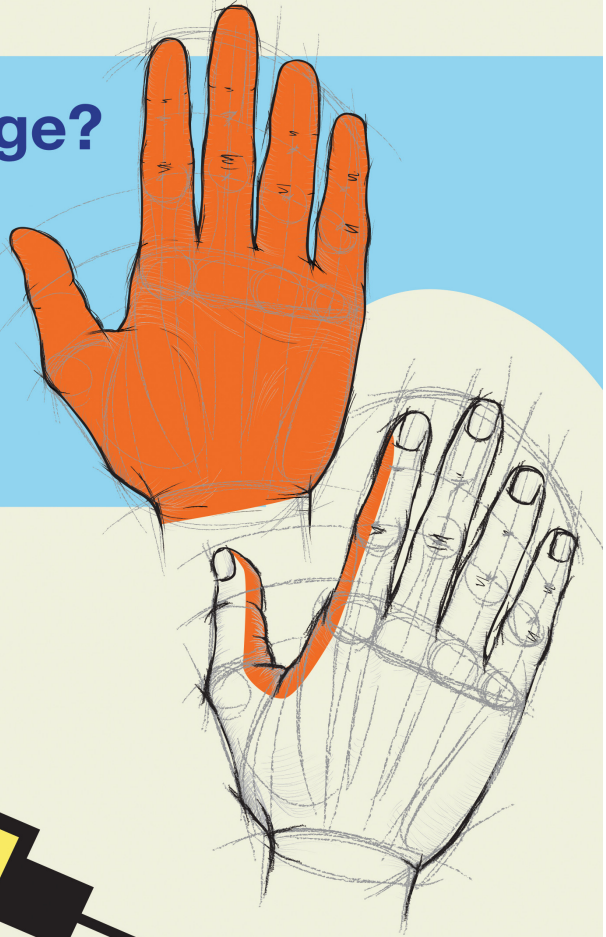
- High cut and puncture resistance when applied in multiple layers.

### CONS:

- “Chainy” or “Scrunchy” feel to the glove.
- Puncture resistance decreases over time as steel mesh breaks in.

## Palm or Full Coverage?

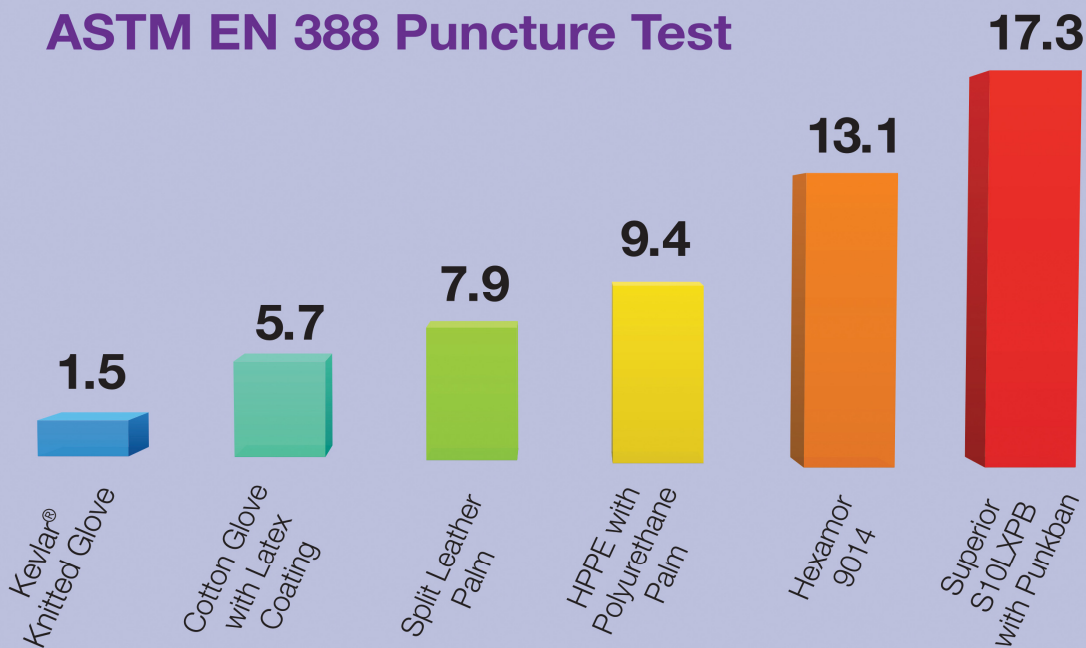
Most puncture gloves only protect the palm area of the hand, which is okay for many applications — just be sure you are aware of this. Full-coverage puncture gloves are also available but the tradeoff is they tend to be higher in price and comfort and dexterity becomes slightly diminished.



Each year 385,000 needlestick injuries and other sharps-related injuries are sustained by hospital-based healthcare personnel. This equates to an average of around 1,000 sharps injuries occurring per day in U.S. hospitals.

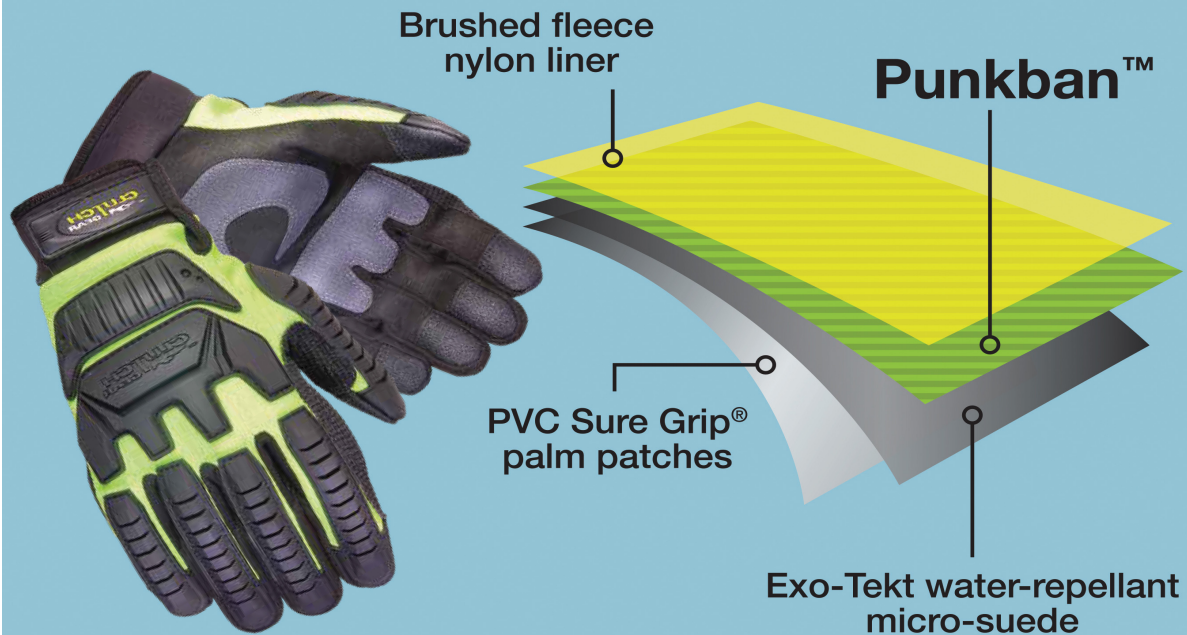
## ASTM EN 388 Puncture Test

Kg of Puncture Resistance



# Layers of a Punkban™ Glove

(Superior Glove Part #MXVSBPB)



## WHICH ANSI PUNCTURE Level Do I Choose?

These recommendations are of a general nature and are not specific to everyone's needs. Always ensure your glove complies with the mandated safety standard for your application.



≥10  
newtons



≥20  
newtons



≥60  
newtons



≥100  
newtons



≥150  
newtons

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