



» TECHNICAL RELEASE

## SINGLE USE GLOVE POLYMER COMPARISON

**Know which single use gloves' polymers offer better resistance to:**

- puncture      - chemical splash      - allergens

**Are you choosing the right glove?**

	Nitrile	Neoprene	Latex	
<b>Chemical Resistance*</b>				Nitrile and Neoprene offer a very high level of splash protection.
<b>Electrostatic Decay</b>				Nitrile exhibits the fastest decay while latex as a material is an insulator and builds up charge.
<b>Fit and Comfort</b>				Natural Rubber Latex is the most comfortable material. Select styles of Neoprene approach latex's comfort.
<b>Food Compliance</b>				Latex and nitrile may have FDA and EU food migration certifications while neoprene only qualifies for FDA food certification.
<b>Puncture Resistance</b>				Nitrile is the leader in this category.
<b>Strength</b>				Nitrile will often exceed latex and neoprene in tensile strength performance.
<b>Tear Resistance</b>				Latex has a slight edge, but initial tear resistance depends on thickness and other processing parameters.
<b>Type I allergy</b>				Natural rubber latex comes from rubber trees and has lots of allergens raising Type I allergy issues.
<b>Type IV allergy</b>				Some neoprene and nitrile styles are produced without chemical accelerators and therefore protect against Type IV allergies caused by chemical accelerators.

Extremely Low  
 Low  
 Moderate  
 High  
 Very High

### Other Glove Features To Consider When Selecting The Right Glove:

- strong beads at the upper arm prevent cuff roll down
- textured grip
- length
- handling of chemotherapy drugs

\* Against the majority of chemicals.

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