

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

length

textured grip

•

handling of chemotherapy drugs

* Against the majority of chemicals.

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Austria: +43(0)800-20 88 40 Belgium: +32 (0)56 260 260 Denmark: +45 70 27 99 20 Germany: +49 (0)2304 9325 Ireland: +353 (0)1 885 5854 Italy: +39 02 950 59 478 Finland: +358 (0)9 8027 6280 France: +33 (0)3 88 67 14 14 Netherlands: +31 (0)20 487 70 00 Norway: +47 22 95 59 59 Portugal: +351 21 425 33 50 Spain: +34 902 239 303 Sweden: +46 31 352 32 00 Switzerland: +41 (0)56 618 41 11 UK: +44 (0)1509 555 500

