CHEMICAL RESISTANT GLOVES

LATEX VS **NITRILE**

LATEX	NITRILE
Can cause skin irritation through severe respiratory symptoms (i.e. trouble breathing, wheezing, hives)	Latex-free eliminates adverse reactions associated with allergies.
Lacks resilience to a number of chemicals.	Offers more resistance to hazardous chemicals than latex
Powdered gloves allow allergens to become airborne where they may be inhaled into the lungs and exposured to other parts of the body.	Synthetic fiber is the first choice in tear resistance and dexterity. More durable than latex.

WHY RISK AN ALLERGIC REACTION FOR YOU OR A PATIENT?

NITRILE is the preferred glove.

GLOVE PERFORMANCE SKIN PROTECTION CHART

Chemical Tested	Commonly Found in	Latex	Nitrile
Acetic Acid	vinegar	E	E
Acetone	nail polish remover	E	P
Ammonium Hydroxide 29%	cleaning solutions	E	E
2-Butoxyethanol	industrial dry cleaning solutions	E	E
Carbolic Acid	cleaning and disinfecting solutions	E	NT
m-Cresol (3-Cresol)	cleaning and disinfecting solutions	E	F
Cyclohexane	paint remover	NT	E
Dimethyl Sulfoxide (DMSO)	varnish remover and veterinary use	E	G
Ethanol	beer, wine, and liqueur	E	E
2-Ethoxyethanol	varnish remover and cleaners	E	E
Ethylene Glycol	antifreeze	E	E
Gasoline	fuel	NT	E
Heptane	antiknock	NT	E
Hexane	blue or red fluid in thermometers	NT	E
Hydrazine	rocket fuel	E	E
Hydrofluoric Acid 48% (HF)	glass polish and wood preservative	E	E
Isobutyl Alcohol	paint and varnish remover	NT	E
Isopropanol (IPA)	rubbing alcohol	E	E
Isopropyl Alcohol	rubbing alcohol	E	E
Kerosene	fuel	NT	E
Methanol	windshield wiper fluid, wood alcohol	E	E
Mineral Spirits	mineral oil, baby oil	NT	E
Nitrobenzene	shoe polish	NT	P
Phenol SAT.	cleaning and disinfecting solutions	E	F
Phosphoric Acid 85%	dental preparations	E	E
Potassium Hydroxide 50%	drain cleaners	E	E
Sodium Hydroxide 50%	lye, drain cleaner	E	E
Toluene (TOLUOL)	gas additive and fuel	NT	P
Turpentine	varnish remover and paint thinner	NT	E

PERFORMANCE RATING KEY

E-Excellent, **G**–Good, **F**–Fair,

P–Poor, **NT**–Not Tested

*(Most **latex NT's** due to **poor protection** against petroleum based chemicals)*