

	NITRILE	LATEX	NEOPRENE	PVC
Acetaldehyde	Red	Blue	Blue	Red
Acetic Acid	Yellow	Blue	Green	Yellow
Acetic Anhydride	Red	Yellow	Green	
Acetone	Red	Yellow	Blue	Red
Acetonitrile			Blue	Red
Acrylic Acid			Green	Red
Acrylonitrile	Red	Blue		
Adipic Acid	Yellow	Green		
Alcohols:Allyl			Green	Red
Alcohols:Amyl	Blue	Blue	Green	Blue
Alcohols:Benzyl	Red	Red		
Alcohols:Butyl	Green	Blue	Green	Green
Alcohols:Diacetone	Red	Red	Green	Red
Alcohols:Ethyl	Yellow	Green	Green	Green
Alcohols:Hexyl	Green	Green		
Alcohols:Isobutyl	Blue	Green	Green	Yellow
Alcohols:Isopropyl	Blue	Green	Blue	Green
Alcohols:Methyl	Green	Green	Green	Green
Alcohols:Octyl	Blue	Blue	Blue	Yellow
Alcohols:Propyl	Green	Green	Green	Yellow
Aluminum Chloride	Green	Green		
Aluminum Hydroxide	Green	Red		
Amines	Red	Blue		
Ammonia 10%	Green	Red		
Ammonia, liquid	Yellow	Red		
Ammonium Bifluoride	Blue		Green	Green
Ammonium Carbonate	Blue	Green		
Ammonium Chloride	Blue	Green		
Ammonium Hydroxide	Red	Red	Green	Green
Amyl Acetate	Red	Red	Red	Red
Amyl Alcohol	Blue	Blue	Green	Blue
Aniline	Red	Red	Blue	Yellow
Antifreeze	Green	Green		
Aqua Regia (80% HCl, 20% HNO3)	Red	Red	Green	Blue
Asphalt	Blue	Red		
Barium Carbonate	Green			
Beet Sugar Liquids	Green	Green		
Benzaldehyde	Red	Red	Red	Red
Benzene	Red	Red	Red	Red
Benzene Sulfonic Acid	Red	Green		
Benzoic Acid	Red	Red		
Benzotrifluoride			Red	Blue
Benzyl Chloride	Red	Red	Red	
Bleaching Liquors	Red			
Borax (Sodium Borate)	Blue	Green		
Boric Acid	Green	Green		
Bromine	Red	Red	Green	Blue
Bromopropionic Acid			Green	Blue

	NITRILE	LATEX	NEOPRENE	PVC
Butadiene	Red	Red		
Butane	Green	Green		
Butanol (Butyl Alcohol)	Green	Blue	Green	Green
Butylacetate	Red	Red	Red	Red
Butylene	Green	Red		
Calcium Bisulfate	Green	Green		
Calcium Carbonate	Green	Green		
Calcium Hypochlorite	Yellow	Red		
Calcium Sulfate	Green	Blue		
Carbolic Acid (Phenol)	Red	Red		
Carbon Bisulfide	Yellow	Red		
Carbon Disulfide	Red	Red	Red	Red
Carbon Tetrachloride	Red	Red	Red	Yellow
Chlorine (dry)	Blue	Red		
Chlorine, Anhydrous Liquid	Red	Yellow		
Chloroacetic Acid	Red	Red		
Chlorobenzene (Mono)	Red	Red	Red	Red
Chloroform	Red	Red	Red	Red
Chromic Acid 30%	Red	Red	Red	Green
Citric Acid	Green	Green	Green	Green
Copper Cyanide	Green	Green		
Cresols	Red	Blue	Green	
Cupric Acid	Blue	Blue		
Cyclohexane	Blue	Red		
Cyclohexane	Blue	Red		
Cyclohexanone	Red	Blue	Red	Red
Detergents	Green	Blue		
Diacetone Alcohol	Red		Green	Red
Dibutyl Phthalate			Yellow	Red
Diethyl Ether	Red	Red		
Diethylamine	Yellow	Green	Red	Red
Diethylene Glycol	Green	Green		
Di-Isobutyl Ketone			Red	Red
Dimethyl Acetamide			Red	Red
Dimethyl Aniline	Red	Red		
Dimethyl Formamide	Red	Yellow	Blue	Red
Diocetyl Phthalate			Green	Red
Dioxane			Red	Red
Ethane	Green	Red		
Ethanol	Yellow	Green	Green	Green
Ethanolamine	Blue	Blue		
Ethyl Acetate	Red	Yellow	Yellow	Red
Ethyl Ether	Red	Red	Yellow	Red
Ethyl Sulfate	Green	Yellow		
Ethylene Chloride	Red	Yellow		
Ethylene Dichloride	Red	Green	Red	Red
Ethylene Glycol	Green	Red	Green	Green
Ethylene Oxide	Red	Blue		

Excellent
Green

Good
Blue

Fair
Yellow

Poor
Red

Not Tested
White

Use the guide to assist you in selecting the correct chemical resistant glove for your application. Make sure you consider other factors such as contact time, temperature, and other conditions before making your selection, as the suitability of a product for your application will depend not only your assessment of the chemical hazards to be dealt with but also on your assessment of the other hazards (mechanical, thermal, etc.) present during use.

	NITRILE	LATEX	NEOPRENE	PVC
Fatty Acids	Blue	Yellow		
Ferric Chloride	Green			
Ferrous Chloride	Green			
Fluoboric Acid	Green			
Fluorine	Red	Yellow		
Fluosilicic Acid	Green			
Formaldehyde 100%	Yellow	Yellow	Green	Green
Formic Acid	Yellow	Yellow	Green	Green
Furfural	Red	Red	Blue	Red
Gasoline (high-aromatic)	Green	Red	Red	Red
Gelatin	Green			
Germcitabine		Blue		
Glutaraldehyde	Green	Blue	Green	Green
Glycerin	Green			
Hexane	Green		Blue	Red
Hexanol	Green			
Hydrazine	Blue		Green	Green
Hydrobromic Acid 100%	Red	Green		
Hydrobromic Acid 20%	Red	Red		
Hydrochloric Acid 100%	Red	Green		
Hydrochloric Acid 37%	Blue	Green		
Hydrofluoric Acid 50%	Red	Blue	Green	
Hydrogen Peroxide 30%	Red	Yellow	Green	
Hydroquinone	Red	Green	Blue	
Iodine	Blue	Blue		
Isooctane	Green		Green	Red
Isopropyl Alcohol	Blue	Green	Blue	Green
Kerosene	Green	Red	Blue	Yellow
Ketones	Red	Green		
Lactic Acid	Green		Green	
Magnesium Chloride	Green			
Maleic Acid	Red	Blue	Green	
Maleic Anhydride	Red	Red		
Mercury	Green			
Methane	Green	Red		
Methanol (Methyl Alcohol)		Green	Green	
Methyl Acetate	Red	Blue		
Methyl Cellosolve	Green	Red	Red	Red
Methyl Ethyl Ketone	Red	Red	Red	Red
Methyl Ethyl Ketone Peroxide	Red	Red		
Methyl Isobutyl Ketone	Red	Red	Red	Red
Methyl Isopropyl Ketone	Red	Red		
Methyl Methacrylate	Red	Blue	Red	Red
Methyl t-Butyl Ether (MTBE)				
Methylamine	Blue	Blue	Green	Green
Methylene Chloride	Red	Green	Red	Red
Mineral Spirits	Green	Red	Blue	Yellow
Monoethanolamine	Blue	Blue	Green	Green

Excellent



Good



Fair



Poor



Not Tested



	NITRILE	LATEX	NEOPRENE	PVC
Morpholine	Red	Green	Red	Red
Naphtha	Green	Red	Blue	Yellow
Naphthalene	Red	Red		
Nickel Nitrate	Green	Green		
Nitric Acid (20%)	Red	Red	Green	Green
Nitric Acid (50%)	Red	Red	Green	Yellow
Nitric Acid (5-10%)	Red	Red	Green	Green
Nitric Acid (Concentrated)	Red	Red	Red	Red
Nitrobenzene	Red			Red
Nitromethane	Red	Blue	Green	Red
Nitropropane			Blue	Red
Oleic Acid	Blue	Red	Yellow	Yellow
Oxalic Acid (cold)	Red	Blue	Green	Green
Palmitic Acid	Green		Green	Blue
Paraffin	Blue	Blue		
Pentane	Green	Blue	Blue	Red
Perchloroethylene	Yellow	Red	Red	Red
Phenol (10%)	Red	Green	Blue	Green
Phosphoric Acid (>40%)	Red	Blue	Green	Green
Phosphoric Acid (40%)	Red		Green	Green
Potassium Hydroxide (Caustic Potash)	Blue	Blue	Green	Green
Propylene Oxide			Red	Red
Pyridine	Red	Red		Red
Silver Nitrate	Blue	Green		
Sodium Hydroxide -50%	Green	Green	Green	Green
Stoddard Solvent	Green	Red	Blue	Yellow
Styrene	Red		Red	Red
Sulfuric Acid (10-75%)	Blue	Yellow	Green	Green
Sulfuric Acid (75-100%)	Yellow	Red	Yellow	Blue
Tannic Acid	Green	Green	Green	Green
Tanning Liquors	Blue	Yellow		
Tartaric Acid	Green	Green		
Tetrachloroethane	Red	Red	Red	Red
Tetrachloroethylene	Red	Red	Red	Red
Tetrahydrofuran	Red	Red	Red	Red
Toluene (Toluol)	Red	Red	Red	Red
Trichloroethane	Red	Red		
Trichloroethylene	Red	Red	Red	Red
Trichloropropane	Red	Red		
Tricresylphosphate	Red	Blue	Blue	Yellow
Triethanolamine			Blue	Green
Triethylamine	Yellow	Blue		Red
Urea	Blue	Red		
Xylene	Red	Red	Red	Red

Products should be tested by the buyer and/or user for suitability prior to use. Never use products which you feel may not provide you with adequate protection.

The recommendations given in the guide are based on permeation and degradation tests conducted on the materials. It is important to note that permeation and degradation results do not necessarily correlate.

Information given in the Chemical Resistance Guide or statements made in any other manner in this catalog or elsewhere should not be considered to be a guarantee or promise regarding the suitability of any of our products in providing adequate safety when being used for specific applications.