

CHEMICAL RESISTANCE CHART

	LATEX	VINYL	NITRILE
Acetaldehyde	Good	Not Recommended	Good
Acetic Acid	Very Good	Fair	Good
Acetone	Very Good	Not Recommended	Not Recommended
Ammonium Hydroxide	Very Good	Very Good	Very Good
Amyl Acetate	Not Recommended	Not available	Not Recommended
Aniline	Fair	Good	Not Recommended
Benzaldehyde	Fair	Poor	Good
Benzene	Fair	Poor	Not Recommended
Butyl Acetate	Fair	Good	Not Recommended
Butyl Alcohol	Very Good	Not available	Very Good
Butyl Cellusolve	Good	Poor	Good
Carbon Tetrachloride	Not Recommended	Fair	Good
Castor Oil	Not Recommended	Good	Very Good
Chlorobenzene	Not Recommended	Poor	Not Recommended
Chloroform	Not Recommended	Poor	Not Recommended
Chloronaphthalene	Not Recommended	Poor	Not Recommended
Chromic Acid 50%	Not Recommended	Good	Fair
Citric Acid 10%	Very Good	Very Good	Very Good
Cyclohexanol	Fair	Very Good	Very Good
Dibutyl Phthalate	Not Recommended	Poor	Good
Diesel Fuel	Not Recommended	Not available	Very Good
Di-isobutyl Ketone (DIBK)	Fair	Not available	Not Recommended
	LATEX	VINYL	NITRILE
Dimethylformamide	Fair	Not available	Good
Diocetyl Phthalate	Not Recommended	Not Recommended	Very Good
Dioxane	Good	Not Recommended	Good
Epoxy Resins, Dry	Very Good	Not available	Very Good
Ethyl Acetate	Fair	Not Recommended	Fair
Ethyl Alcohol (Ethanol)	Very Good	Good	Very Good
Ethyl Ether	Good	Not Recommended	Good
Ethylene Dichloride	Not Recommended	Not Recommended	Not Recommended
Ethylene Glycol	Good	Good	Very Good
Formaldehyde	Very Good	Very Good	Very Good
Formic Acid	Very Good	Very Good	Very Good
Freon 11	Not Recommended	Fair	Good
Freon 12	Not Recommended	Fair	Good
Freon 21	Not Recommended	Fair	Good
Freon 22	Not Recommended	Fair	Good
Furfural	Good	Not Recommended	Not Recommended
Gasoline, Leaded	Not Recommended	Not Recommended	Very Good
Gasoline, Unleaded	Not Recommended	Not Recommended	Very Good
Glycerine	Good	Not available	Very Good
Hexane	Not Recommended	Not Recommended	Good
Hydrochloric Acid	Good	Good	Good
Hydrofluoric Acid 48%	Good	Fair	Good
	LATEX	VINYL	NITRILE
Hydrogen Peroxide 30%	Good	Very Good	Good
Hydroquinone	Good	Good	Fair
Isooctane	Not Recommended	Not Recommended	Very Good
Isopropyl Alcohol	Very Good	Good	Very Good
Kerosene	Fair	Fair	Very Good
Ketones	Very Good	Not Recommended	Not Recommended
Lacquer Thinners	Fair	Not Recommended	Not Recommended
Lactic Acid 85%	Very Good	Very Good	Very Good
Lauric Acid 36%	Fair	Fair	Very Good
Linoleic Acid	Not Recommended	Good	Good
Linseed Oil	Not Recommended	Good	Very Good

Maleic Acid	Very Good	Very Good	Very Good
Methyl Alcohol (Methanol)	Very Good	Fair	Very Good
Methylamine	Fair	Good	Good
Methyl Bromide	Fair	Fair	Fair
Methyl Chloride	Not Recommended	Not Recommended	Not Recommended
Methyl Ethyl Ketone (MEK)	Good	Not Recommended	Not Recommended
Methyl Isobutyl Ketone (MIBK)	Fair	Not Recommended	Not Recommended
Methyl Methacrylate	Good	Not Recommended	Fair
Monoethanolamine	Good	Good	Very Good
Morpholine	Very Good	Not Recommended	Good
Napthalene	Fair	Fair	Good
	LATEX	VINYL	NITRILE
Naphthas, Aliphatic	Fair	Not available	Very Good
Naphthas, Aromatic	Not Recommended	Not available	Good
Nitric Acid	Fair	Fair	Fair
Nitromethane 95.5%	Not Recommended	Not available	Fair
Nitropropane 95.5%	Not Recommended	Not Recommended	Fair
Octyl Alcohol (Octanol)	Very Good	Fair	Very Good
Oleic Acid	Fair	Good	Very Good
Oxalic Acid	Very Good	Very Good	Very Good
Palmitic Acid	Very Good	Good	Very Good
Perchloric Acid 60%	Fair	Fair	Good
Perchloroethylene	Not Recommended	Not Recommended	Good
Petroleum Distillates (Naphtha)	Not Recommended	Not available	Very Good
Phenol	Fair	Fair	Fair
Phosphoric Acid	Good	Good	Very Good
Potassium Hydroxide	Very Good	Very Good	Very Good
Propyl Acetate	Fair	Not Recommended	Fair
Propyl Alcohol	Very Good	Not available	Very Good
Propyl Alcohol (ISO)	Very Good	Not available	Very Good
Sodium Hydroxide	Very Good	Very Good	Very Good
Styrene	Not Recommended	Not Recommended	Fair
Styrene 100%	Not Recommended	Not Recommended	Fair
Sulfuric Acid	Good	Not Recommended	Good
	LATEX	VINYL	NITRILE
Tannic Acid 65%	Very Good	Good	Very Good
Tetrahydrofuran	Fair	Not available	Fair
Toluene	Not Recommended	Not Recommended	Fair
Toluene Diisocyanate	Good	Not Recommended	Fair
Trichloroethylene	Fair	Not Recommended	Good
Triethanolamine	Good	Very Good	Very Good
Tung Oil	Not Recommended	Not available	Very Good
Turpentine	Fair	Fair	Very Good
Xylene	Not Recommended	Not Recommended	Fair

This chart is intended to be used as a guide only. It is intended to guide and inform qualified professionals engaged in assuring safety in the workplace. Because the conditions of ultimate use are beyond our control, and because we cannot run permeation tests in all possible work environments and across all combinations of chemicals and solutions, these recommendations are advisory only. The suitability of a product for a specific application must be determined by testing by the purchaser.

The data in this guide are subject to revision as additional knowledge and experience are gained. Test data herein reflect laboratory performance of partial gloves and not necessarily the complete unit. Anyone intending to use these recommendations should first verify that the glove selected is suitable for the intended use and meets all appropriate health standards.

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