

Chemical Resistance Chart

| Chemical | Nitrile | Material Neoprene | Rubber | PVC |
|-------------------------------|---------|----------------------|--------|-----|
| Acids, Mineral | | | | |
| Chromic | G | F | P | G |
| Hydrochloric 48% | G | G | F | G |
| Hydrochloric 10% | G | G | G | G |
| Muriatic | NR | G | F | G |
| Nitric 70% | NR | G | F | G |
| Nitric 10% | F | G | G | G |
| Sulfuric 95% | F | G | G | F |
| Sulfuric 10% | G | G | G | G |
| Hydrofluoric 48% | G | G | F | P |
| Perchloric | G | G | G | G |
| Phosphoric | G | G | G | G |
| Acids, Organic | | | | |
| Acetic | G | G | G | G |
| Carbolic | G | G | P | G |
| Citric | G | G | G | G |
| Formic | G | G | G | G |
| Lactic | G | G | G | F |
| Oleic | G | G | G | G |
| Oxalic | G | G | F | G |
| Phenol | G | G | G | G |
| Stearic | G | G | G | G |
| Tannic | G | G | G | G |
| Alcohols | | | | |
| Benzyl | G | G | F | G |
| Butyl | G | G | F | P |
| Ethyl | G | G | G | G |
| Isobutyl | G | G | G | G |
| Isopropyl | G | G | G | G |
| Isopropanol | G | G | G | G |
| Methyl | G | G | G | F |
| Octyl | G | G | G | F |
| Aldehydes | | | | |
| Acetaldehyde | G | G | F | F |
| Benzaldehyde | F | G | G | G |
| Formaldehyde | G | G | G | G |
| Caustics | | | | |
| Ammonium Hydroxide | G | G | G | G |
| Potassium Hydroxide 50% | G | G | G | G |
| Sodium Hydroxide 50% | G | G | G | G |
| Amines | | | | |
| Aniline | P | G | F | G |
| Diethylamine | G | G | G | G |
| Methylamine | G | F | F | F |
| Monoethanolamine | G | G | G | G |
| Morpholine | G | NR | G | G |
| Triethanolamine | G | G | G | G |
| Solvents, Aromatic | | | | |
| Benzene | G | P | NR | P |
| Stoddard Solvent | G | G | F | P |
| Toluene | G | F | NR | P |
| Xylene | G | P | NR | P |
| Solvents, Ketonic | | | | |
| Acetone | NR | G | G | P |
| Hydroquinone | F | G | G | F |
| Methyl Ethyl Ketone | NR | G | G | NR |
| Methyl Isobutyl Ketone | F | G | G | F |

| Chemical | Nitrile | Material Neoprene | Rubber | PVC |
|--------------------------------|---------|----------------------|--------|-----|
| Solvents, Chlorinated | | | | |
| Carbon Tetrachloride | G | F | NR | F |
| Chlorobenzene | F | F | P | P |
| Chloroform | G | G | P | P |
| Methyl Chloride | G | G | F | P |
| Perchloroethylene | G | P | NR | NR |
| Trichloroethylene TCE | F | F | P | NR |
| Solvents, Petroleum | | | | |
| Butylene | G | G | F | G |
| Gasoline | G | G | F | F |
| Hexane | G | F | P | F |
| Kerosene | G | G | F | F |
| Naphtha | G | G | F | P |
| Pentene | G | G | F | P |
| Mineral Spirits | G | G | F | P |
| Solvents, Miscellaneous | | | | |
| Acrylonitrile | F | G | G | F |
| Amyl Acetate | F | F | P | P |
| Butyl Acetate | F | F | P | P |
| Dimethyl Formamide | NR | F | F | P |
| Ethyl Acetate | F | G | F | P |
| Ethyl Ether | G | G | G | P |
| Ethyl Formate | G | G | F | P |
| Freon 11-12-21-22 | F | G | G | F |
| Furfural | F | G | G | F |
| Methyl Bromide | F | G | F | P |
| Nitro Benzene | F | G | F | P |
| Propyl Acetate | G | G | F | F |
| Miscellaneous Chemicals | | | | |
| Animal Fats | G | G | P | G |
| Carbon Disulfide | G | F | P | F |
| Castor Oil | G | G | P | G |
| Cotton Seed Oil | G | G | P | G |
| Creosote | G | G | G | G |
| Dibutyl Phthalate | G | G | P | NR |
| Epoxy Resins, Dry | G | G | G | G |
| Ethylene Glycol | G | G | G | G |
| Glycerine | G | G | G | G |
| Hydraulic Fluid: | | | | |
| Ester Base | G | G | P | P |
| Hydrogen Peroxide 30% | G | G | G | F |
| Lacquer Thinner | G | G | F | F |
| Linseed Oil | G | G | P | F |
| Mineral Oils | G | G | F | F |
| Paint & Varnish Removers | G | G | F | P |
| Pine Oil | G | G | P | G |
| Plating Solutions | G | G | G | G |
| Printing Inks | G | G | G | F |
| Tricresyl Phosphate | F | G | F | NR |
| Tung Oil | G | G | P | F |
| Turpentine | G | G | F | G |
| Vegetable Oils | G | G | F | F |
| Oxides | | | | |
| Nitrous Oxide | F | F | F | G |
| Carbon Dioxide | G | G | G | G |
| Salts, Inorganic | | | | |
| Copper Sulfate | G | G | G | G |

KEY TO CHEMICAL CHART:

G — Good — Recommend for use in particular environment
F — Fair — Moderate effect on material
P — Poor — Significant effect on material
NR — Not Recommended