

CHEMICAL RESISTANCE CHART

Version: 0.2

Sample ratings are based on visual and physical examination after removal from the test chemical after immersion for 28 days at room temperature.

Rating Key for result of substance exposure:

RR (excellent resistance) - no noticeable effect on appearance and features

LR (limited resistance): moderate effect

NR - not recommended: severe effect

T - no data; likely to be acceptable

X - no data; not likely to be acceptable

| Chemical exposure CONTACT SIDE | PVC-Acrylat blend |
|------------------------------------|--------------------------|
| PRODUCT EXAMPLES | Rigid-Lock Quickberms |
| Acetic Acid (5%) | RR |
| Acetic Acid (10%) | RR |
| Acetic Acid (50%) | LR |
| AD-Blue | T |
| AFFF (Aqueous Film Forming Foam) | T |
| Ammonium Phosphate Solution | T |
| Ammonium Sulfate Solution | T |
| Animal Oil | LR |
| ASTM Fuel A (100% Iso-Octane) | LR |
| ASTM Oil #1 (IRM901 Testing oil) | RR |
| ASTM Oil #2 (Flash Pt. 240° C) | RR |
| ASTM Oil #3 | RR |
| Biodiesel | RR |
| Calcium Chloride Solutions | RR |
| Calcium Hydroxide | U |
| Caustic soda (5%) | U |
| Chlorine Solution 20% | U |
| Clorox | T |
| Concentrated Ammonium Hydroxide | T |
| Corn Oil | RR |
| Crude Oil | RR |
| Diesel Fuel | RR |
| Dodecene | RR |
| Ester based synthetic oil | LR |
| Ethanol / Ethyl Alcohol | RR |
| Ethyl Acetate | RR |
| Ethylene Glycol (Anti-Freeze) | T |
| Fertilizer Solution | T |
| Fuel Oil #2 | RR |
| Fuel Oil #6 | RR |
| Gasoline / Petrol | RR |
| Glycerin | T |
| Hydraulic Fluid | T |
| Hydrocarbon Type II (40% Aromatic) | T |
| Hydrochloric Acid (10%) | LR |
| Hydrofluoric Acid (5%) | T |
| Isopropyl Alcohol | RR |
| Ivory Soap | RR |
| Jet A | RR |
| JP-4 Jet Fuel | RR |
| JP-5 Jet Fuel | RR |
| JP-8 Jet Fuel | RR |
| Kerosene | RR |
| Magnesium Chloride | T |
| Magnesium Hydroxide | U |
| Methanol | |

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| Methyl Ethyl Ketone | T |
| Mineral Spirits | T |
| Nitric Acid (5%) | X |
| Nitric Acid (15%) | X |
| Oliveoil | LR |
| Palm oil | LR |
| Phosphoric Acid (10%) | LR |
| Phthalate Plasticizer | LR |
| Potassium Chloride | T |
| Potassium Sulphate | T |
| Raw linseed oil | RR |
| Salt Water (25%) | RR |
| Sodium Acetate Solution | RR |
| Sodium Bisulfite Solution | RR |
| Sodium Hydroxide (60%) | U |
| Sodium Phosphate | T |
| Sulfuric acid (5%) | LR |
| Toluene | X |
| Transformer Oil | LR |
| Turpentine | T |
| Urea | T |
| Vegetable Oil | RR |
| Xylene | X |