

# Chemical Resistance

**FORM-TREAD®**

| Chemical Product    | Resistance                            |
|---------------------|---------------------------------------|
| Acetic Acid [20%]   | Excellent                             |
| Acetone             | Not Recommended                       |
| Acetylene           | Excellent                             |
| Alcohol - Ethyl     | Excellent (temperature < 120°F, 50°C) |
| Alcohol - Isopropyl | Excellent                             |
| Alcohol - Methyl    | Good (temperature < 72°F, 22°C)       |
| Aluminum Chloride   | Excellent (temperature < 72°F, 22°C)  |
| Aluminum Fluoride   | Good (temperature < 72°F, 22°C)       |
| Aluminum Hydroxide  | Good (temperature < 72°F, 22°C)       |
| Aluminum Sulfate    | Excellent (temperature < 72°F, 22°C)  |
| Amines              | Excellent (temperature < 72°F, 22°C)  |
| Ammonia - Liquid    | Excellent (temperature < 72°F, 22°C)  |
| Ammonia 10%         | Excellent (temperature < 72°F, 22°C)  |
| Ammonium Carbonate  | Excellent (temperature < 72°F, 22°C)  |
| Ammonium Chloride   | Excellent (temperature < 72°F, 22°C)  |
| Ammonium Hydroxide  | Excellent (temperature < 72°F, 22°C)  |
| Ammonium Nitrate    | Excellent (temperature < 72°F, 22°C)  |
| Ammonium Phosphate  | Excellent (temperature < 72°F, 22°C)  |
| Ammonium Sulfate    | Excellent (temperature < 72°F, 22°C)  |
| Amyl acetate        | Excellent (temperature < 72°F, 22°C)  |
| Aniline             | Fair (temperature < 72°F, 22°C)       |
| Barium Carbonate    | Excellent (temperature < 72°F, 22°C)  |
| Barium Chloride     | Excellent (temperature < 72°F, 22°C)  |
| Barium Hydroxide    | Excellent (temperature < 72°F, 22°C)  |
| Barium Sulfate      | Fair (temperature < 72°F, 22°C)       |
| Barium Sulfide      | Good (temperature < 72°F, 22°C)       |
| Beer                | Excellent (temperature < 72°F, 22°C)  |
| Benzol              | Excellent (temperature < 72°F, 22°C)  |
| Borax               | Excellent (temperature < 72°F, 22°C)  |
| Boric acid          | Excellent (temperature < 72°F, 22°C)  |
| Bromine             | Not Recommended                       |
| Butadiene gas       | Excellent (temperature < 72°F, 22°C)  |
| Butane gas          | Excellent (temperature < 72°F, 22°C)  |
| Butyl acetate       | Good (temperature < 72°F, 22°C)       |
| Butaric Acid        | Fair (temperature < 72°F, 22°C)       |
| Calcium Bisulfite   | Excellent (temperature < 72°F, 22°C)  |



RGF Materials Company  
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| Calcium Carbonate      | Excellent (temperature < 72°F, 22°C) |
| Calcium Chloride       | Excellent (temperature < 72°F, 22°C) |
| Calcium Hydroxide      | Excellent (temperature < 72°F, 22°C) |
| Calcium Hypochlorite   | Excellent (temperature < 72°F, 22°C) |
| Calcium Sulfate        | Excellent (temperature < 72°F, 22°C) |
| Carbon dioxide gas     | Excellent (temperature < 72°F, 22°C) |
| Carbon Tetrachloride   | Excellent (temperature < 72°F, 22°C) |
| Carbonic Acid          | Good (temperature < 72°F, 22°C)      |
| Citric Acid            | Excellent (temperature < 72°F, 22°C) |
| Copper Chloride        | Excellent                            |
| Copper Nitrate         | Excellent (temperature < 72°F, 22°C) |
| Dichloroethane         | Good (temperature < 120°F, 50°C)     |
| Diesel Fuel            | Excellent (temperature < 72°F, 22°C) |
| Ethyl acetate          | Fair (temperature < 72°F, 22°C)      |
| Ethyl chloride         | Excellent (temperature < 72°F, 22°C) |
| Ethylene glycol        | Fair (temperature < 72°F, 22°C)      |
| Fatty Acids            | Excellent (temperature < 72°F, 22°C) |
| Ferric Chloride        | Excellent (temperature < 72°F, 22°C) |
| Ferric Sulfate         | Excellent (temperature < 72°F, 22°C) |
| Ferrous Chloride       | Excellent (temperature < 72°F, 22°C) |
| Ferrous Sulfate        | Excellent (temperature < 72°F, 22°C) |
| Fluorine gas           | Note Recommended                     |
| Fluosilicic acid       | Fair                                 |
| Formaldehyde, 40%      | Excellent (temperature < 72°F, 22°C) |
| Formic Acid            | Fair (temperature < 72°F, 22°C)      |
| Freon                  | Excellent                            |
| Gasoline               | Excellent                            |
| Glucose                | Good                                 |
| Glycerine              | Excellent                            |
| Heptane                | Excellent                            |
| Hexane                 | Good                                 |
| Hydraulic Fluid        | Excellent                            |
| Hydrobromic Acid, 100% | Not Recommended                      |
| Hydrochloric acid, 20% | Good (temperature < 72°F, 22°C)      |
| Hydrocyanic Acid       | Excellent                            |
| Hydrofluoric Acid, 75% | Good (temperature < 72°F, 22°C)      |



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| Hydrogen Peroxide, 10% | Fair [temperature < 72°F, 22°C] |
| Hydrogen Sulfide       | Excellent                       |
| Jet Fuel               | Excellent                       |
| Kerosene               | Excellent                       |
| Lactic Acid            | Good [temperature < 72°F, 22°C] |
| Lead acetate           | Excellent                       |
| Magnesium Carbonate    | Excellent                       |
| Magnesium Chloride     | Excellent                       |
| Magnesium Hydroxide    | Excellent                       |
| Magnesium Nitrate      | Excellent                       |
| Magnesium Sulfate      | Excellent                       |
| Maleic Acid            | Excellent                       |
| Mercury                | Excellent                       |
| Methyl Ethyl Ketone    | Fair [temperature < 72°F, 22°C] |
| Naphtha                | Excellent                       |
| Naphthalene            | Excellent                       |
| Nickel Chloride        | Excellent                       |
| Nickel Sulfate         | Excellent                       |
| Nitric Acid            | Not Recommended                 |
| Oil - Castor           | Excellent                       |
| Oleic acid             | Excellent                       |
| Oxalic Acid            | Excellent                       |
| Phenol                 | Good                            |
| Phosphoric Acid        | Good                            |
| Picric Acid            | Excellent                       |
| Potassium Bicarbonate  | Excellent                       |
| Potassium Bromide      | Excellent                       |
| Potassium Carbonate    | Excellent                       |
| Potassium Chloride     | Excellent                       |
| Potassium Dichromate   | Fair                            |
| Potassium Hydroxide    | Excellent                       |
| Potassium Nitrate      | Excellent                       |
| Potassium Sulfate      | Excellent                       |
| Propane, liquid        | Excellent                       |
| Silver Nitrate         | Excellent                       |
| Soaps                  | Excellent                       |



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| Chemical Product          | Resistance                           |
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| Sodium Acetate            | Excellent                            |
| Sodium Bicarbonate        | Excellent                            |
| Sodium Bisulfate          | Excellent                            |
| Sodium Carbonate          | Fair [temperature < 72°F, 22°C]      |
| Sodium Chlorate           | Excellent                            |
| Sodium Chloride           | Excellent                            |
| Sodium Cyanide            | Excellent                            |
| Sodium Fluoride           | Excellent                            |
| Sodium Hydroxide, 50%     | Good [temperature < 120°F, 50°C]     |
| Sodium Hypochlorite, 100% | Not Recommended                      |
| Sodium Nitrate            | Excellent                            |
| Sodium Silicate           | Excellent                            |
| Sodium Sulfate            | Excellent                            |
| Sodium Sulfite            | Excellent                            |
| Sodium Thiosulfate        | Excellent                            |
| Stannic Chloride          | Excellent                            |
| Stearic Acid              | Good                                 |
| Sulfuric Acid, 75-100%    | Fair [temperature < 72°F, 22°C]      |
| Sulfur Dioxide            | Excellent [temperature < 72°F, 22°C] |
| Tannic Acid               | Excellent                            |
| Tartaric Acid             | Excellent                            |
| Toluene                   | Good [temperature < 72°F, 22°C]      |
| Turpentine                | Good                                 |
| Urine                     | Excellent                            |
| Vinegar                   | Excellent                            |
| Water - Distilled         | Excellent                            |
| Water - Fresh             | Excellent                            |
| Water - Sea, Salt         | Excellent                            |
| Xylene                    | Excellent                            |
| Zinc Chloride             | Excellent                            |



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