# Chemical Resistance of Garlock Graph-Lock® Gaskets

## A general guide for selection of gasketing material, Rev. 4/07

**KEY:** **A = Suitable**
**B = Depends on operating conditions**
**C = Unsuitable**
**– = No data or unsufficient evidance**

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Acetaldehyde (Ethanol) | | 100 | A | A | A | C |
| Acetate Solvents | | 100 | A | A | A | – |
| Acetic Acid (Ethanoic Acid) | Cold | Conc. | A | A | A | A |
| Acetic Acid (Ethanoic Acid) | Cold | Dilute | A | A | A | A |
| Acetic Acid (Ethanoic Acid) | Hot | Conc. | A | A | A | A (80%, 250F) |
| Acetic Acid (Ethanoic Acid) | Hot | <15 | A | A | A | A (at 250F) |
| Acetic and Propionic Acid | Cold | | A | A | A | – |
| Acetic Anhydride (Ethanoic Anhydride) | 20 | | A | A | A | C |
| Acetone, Dry | | | A | A | A | B |
| Acetylene Gas | | | A | A | A | – |
| Acrylonitrile | | | A | A | – | A (at 70F) |
| Air | <400 | | A | A | A | A |
| Air | <245 | | A | A | A | A |
| Alcoholos (Ethyl) | | | A | A | A | – |
| Aldehyde | | | A | A | A | – |
| Alkanes | | | A | A | – | – |
| Alkyl Acetone | | | A | A | – | – |
| Alkyl Alcohol | | | A | A | A | – |
| Alkyl Amine | | | A | A | A | – |
| Alkyl Arylsulphonics | | | A | A | – | – |
| Alkyl Benzene | | | A | A | A | – |
| Alkyl Chloride | | | A | A | A | C |
| Alkylate, Light | | | A | A | A | – |
| Alpha Picoline | | | A | A | – | – |
| Alum Solution | | | A | B | A | A (at 150F) |
| Aluminum Chloride | | All | A | B | B | A |
| Aluminum Hydroxide (Boehmite) | | | A | A | B | A (at 300F) |
| Aluminum Sulfate, Aqueous | | | A | A | A | A |
| Amine, Fat Condensate | | | A | A | A | – |
| Ammonia, Anhydrous | <50 | | A | A | A | – |
| Ammonia, Aqua | <50 | >10 | A | A | B | A |
| Ammonia, Aqua | <50 | <10 | A | A | B | A |
| Ammonia, Gas (dry) | | | A | A | A | A (at 150F) |
| Ammonium Bicarbonate (Aqueous) | | | A | A | A | A (at 130F) |
| Ammonium Bifluoride | | | A | B | A | – |
| Ammonium Bisulfate | | | A | – | – | – |
| Ammonium Carbonate | | | A | A | A | A (at 300F) |
| Ammonium Chloride (Sal Ammoniac) | | | A | A | A | A (at 150F) |
| Ammonium Hydroxide | | | A | A | A | B |
| Ammonium Nitrate | | | A | A | A | A (at 100F) |
| Ammonium Persulfate | | | A | B | B | A (at 150F) |
| Ammonium Phosphate (Mono-Basic) | | | A | A | A | A (at 100F) |
| Ammonium Phosphate (Di-Basic) | | | A | A | A | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Ammonium Phosphate (Tri-Basic) | | | A | A | A | – |
| Ammonium Sulfate (Aqueous) | Any | All | A | A | A | A (at 150F) |
| Ammonium Thiocyanate | | 0-63 | A | A | – | A (at 70F) |
| Amyl Acetate | | | A | A | A | C |
| Amyl Alcohol | | | A | A | A | A (at 200F) |
| Amyl Nitrate | | | A | A | – | – |
| Aniline (Aminobenzene) | | | A | A | A | B |
| Aniline Hydrochlorine | All | 0-60 | A | C | C | C |
| Anti-Freeze (Water, Alcohol, and Glycol) | | | A | A | A | C |
| Aqua Regia | | | C | C | C | C |
| Argon Gas | | | A | A | A | – |
| Arochlor 1248 | | | A | A | A | – |
| Aromatic Fuels | | | A | A | A | B |
| Arsenic Acid, (Ortho) | | | A | A | A | A |
| Arsenic Trichloride | | 100 | A | – | – | – |
| Asphalt | | | A | A | A | – |
| Aureomycin | | 100 | A | – | – | – |
| Barium Carbonate (Sat'd) | | | A | B | B | A (at 250F) |
| Barium Chloride (Aqueous) | | <20 | A | A | A | A (at 250F) |
| Barium Hydroxide | | | A | B | B | B |
| Barium Nitrate (Aqueous) | | | A | B | – | A (at 170F) |
| Barium Sulfide (sat'd) | | | A | B | – | – |
| Beer | | | A | A | A | A (at 70F) |
| Beer Wort | | | A | A | A | – |
| Beet Juice | | | A | A | A | – |
| Beet Pulp | | | A | A | A | – |
| Beet Sugar Solution | | | A | A | A | A |
| Benzene (Coal tar product) (Benzol) | | | A | A | A | B |
| Benzene Hexachloride | | 100 | A | – | – | – |
| Benzine (Petroleum Product) | | | A | A | A | – |
| Benzoic Acid | | | A | A | A | A (at 250F) |
| Benzoic Acid Solution | | | A | A | A | A |
| Benzol | | | A | A | A | – |
| Benzyl Sulfonic Acid | | 60 | A | – | – | B |
| Bichloride of Mercury | Amb. | | A | – | – | – |
| Bittern | | | – | – | – | – |
| Black Liquor | | | A | A | B | – |
| Bleach Solutions | | | A | A | A | – |
| Blood | | | A | A | – | – |
| Boiler Feed Water | | | A | A | A | – |
| Bonderite Solution | | | A | A | – | – |
| Borax Sol. (Sodium Tetraborate) | | | A | A | A | – |
| Boric Acid | 95 | 50 | A | A | A | A (at 200F) |
| Boric Acid, Aqueous | Any | All | A | A | A | A |
| Boron Trichloride | | | A | A | A | – |
| Brine Calcium pH 8 | | | A | A | A | – |
| Brine, Calcium and Magnesium Chloride) | | | A | A | A | – |
| Brine, Calcium and Sodium Chloride | | | A | A | A | – |
| Brine, Chloride pH 8 | | | A | A | A | – |
| Brine, Sea water | <80 | | A | B | A | A |
| Brine, Sodium Chloride | | | A | C | A | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Bromine (Br2) | | | C | C | C | C |
| Bromine, Wet (HBr) | | | A | C | A | C |
| Bromo Methane | | | A | A | – | – |
| Bunker C Fuel oil | | | A | A | A | – |
| Butadiene | | | A | A | A | B |
| Butane (LPG) | | | A | A | A | – |
| Butanol (Butyl Alcohol) | | 100 | A | A | A | C |
| Butyl Acetate | | | A | A | A | A (at 250F) |
| Butyl Alcohol (Butanol) | | | A | A | A | C |
| Butyl Cellosolve | | 0-100 | A | – | – | – |
| Butyl Phthalate | <48 | | A | A | A | – |
| Butylacrylate | | | A | – | – | – |
| Butylamine | | | A | A | A | – |
| Butylene ( Butene) (Ethylethylene) | | | A | A | A | – |
| Butyric Acid (Butanic Acid) | | 100 | A | B | A | C |
| Calcium Bisulfide | | | A | A | A | – |
| Calcium Bisulfite | | 100 | A | A | B | C |
| Calcium Carbonate (Aragonite) | | | A | A | A | A (at 250F) |
| Calcium Chlorate (Aqueous) | <60 | 0-10 | A | C | A | – |
| Calcium Chloride (Wet) | | | A | B | A | A (at 250F) |
| Calcium Hydroxide (Aqueous) (Lime Water) | | | A | A | A | A (at 200F) |
| Calcium Hypochlorite | <32 | | A | A | A | A (at 250F) |
| Calcium Magnesium Chloride | | | A | A | A | – |
| Calcium Phosphate | | | A | A | A | – |
| Calcium Sulfate | | | A | B | B | A (at 100F) |
| Cane Juice | | | A | A | A | – |
| Carbolic Acid (Phenol) | Amb. | | A | A | A | – |
| Carbolic Acid (Phenol) | 205 | All | A | A | A | – |
| Carbon Bisulfide | | | A | A | A | C |
| Carbon Dioxide (Dry) | 600 | | A | A | A | B |
| Carbon Dioxide (Wet) | 600 | | A | A | A | B |
| Carbon Disulfide | | | A | A | A | C |
| Carbon Monoxide | | | A | A | A | A (at 200F) |
| Carbon Tetrachloride (Anhydrous) | | | A | A | A | C |
| Carbonate of Soda (Aqueous) | | | A | A | A | |
| Carbonic Acid, Aqueous | | | A | A | A | A (at 150F) |
| Catsup | | | A | A | A | – |
| Caustic (Chloride of Sodium) | | | A | C | A | – |
| Caustic Cyanogen | | | A | A | A | – |
| Caustic Potash (Aqueous) | | | A | B | B | – |
| Caustic Soda (Aqueous) | | | A | A | A | – |
| Caustic Strontia (Aqueous) | | | A | – | – | – |
| Caustic Sulfide | | | A | – | – | – |
| Caustic Zinc Chloride (Aqueous) | | | A | – | – | – |
| Cellosolve Solvent | | 0-100 | A | – | – | B |
| Chloral Hydrate | | | A | – | – | C |
| Chlorethylbenzene | | 100 | A | – | – | – |
| Chloride of Lime | | | A | C | A | – |
| Chloride of Zinc (Aqueous) | | | A | – | A | – |
| Chlorinated Solvents (Dry) | | | A | A | A | – |
| Chlorinated Solvents (Wet) | | | A | A | A | – |

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Chlorine (Dry) | | | A | B | A | C |
| Chlorine (Wet) | <22 | | A | C | A | C |
| Chlorine Dioxide | <70 | | A | – | – | – |
| Chlorine, Anhydrous Liquid | | | A | B | C | C |
| Chloroacetic Acid (Ethyl Chloracetate) | | | A | C | A | – |
| Chloroacetone | | | A | A | – | – |
| Chlorobenzene | | | A | A | A | A (at 100F) |
| Chloroform | | | A | A | A | A (at 100F) |
| Chloropicrin | | | A | A | A | – |
| Chlorosulfonic Acid | Cool | <50 | A | C | A | C |
| Chrome Alum | | | A | A | – | – |
| Chromic Acid, Aqueous | Cool | <90 | A | B | A | A (at 200F) |
| Chromic Oxide (Aqueous) | | 50 | B | – | B | B |
| Chromium Potassium Sulfate (Aqueous) | | 10 | A | A | – | – |
| Citric Acid, Aqueous | Hot | | A | A | A | A (at 100F) |
| Cocoa Butter | | | A | A | A | – |
| Cocoanut Acid, Fatty | | | A | A | A | – |
| Cocoanut Oil | | | A | A | A | B |
| Cod Liver Oil | | | A | A | A | – |
| Condensate (Water) | | | A | A | A | A |
| Copper Acetate (Blue Verdigris) | | | A | A | A | – |
| Copper Ammonium Acetate (Aqueous) CAA | | | A | A | A | – |
| Copper Chloride | | | A | C | – | A (at 150F) |
| Copper Cyanide | | | A | B | A | – |
| Copper Nitrate | | | A | A | B | A (at 150F) |
| Copper Sulfate (Blue Vitriol) (Aqueous) | Any | All | A | – | – | – |
| Copper Sulfate (Blue Vitriol) (Aqueous) | | 10 | A | B | A | A (at 150F) |
| Copper Sulfate (Blue Vitriol) (Aqueous) | | 50 | A | B | A | A (at 150F) |
| Copperas (Green) | | | A | – | – | – |
| Corn Oil | | | A | A | A | A |
| Cotton Seed Oil | | | A | A | A | A (at 150F) |
| Creosol, Meta | | | A | A | B | C |
| Creosote (Coal Tar) | | | A | A | A | – |
| Cresylic Acid (Alkyl Phenols) | | | A | A | A | A (at 200F) |
| Crude Oil | | | A | A | A | A (at 150F) |
| Cupric Chloride | Any | All | A | – | – | A (at 250F) |
| Cupric Sulfate (Aqueous) | | | A | A | B | – |
| Cuprous Ammonia Acetate (Aqueous) | | | A | A | A | – |
| Cutting Oil | | | A | A | A | – |
| Cyanide (Aqueous) | | | A | – | – | – |
| Cyanogen in Water | | | A | A | – | – |
| Cyclohexane (Hexahydrobenzene) | | | A | A | A | – |
| Cyclohexanone | | | A | A | A | A (at 70F) |
| Cyclohexene ((Tetrahydrobenzene) | | | A | A | A | – |
| DDT Solution (Kerosene solvent) | | | A | A | A | – |
| DDT Solution (Toluene solvent) | | | A | A | A | – |
| De-Butanizer Reflux | | | A | A | A | – |
| De-Ethanizer Charge | | | A | A | A | – |
| De-Propanizer Reflux | | | A | A | A | – |
| Deoxidine | | <60 | A | – | – | – |
| Diacetone Alcohol | | | A | A | A | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Dibromoethyl Benzene | | | A | A | A | – |
| Dibutyl Amine | | | A | A | A | – |
| Dibutyl Cellusolve Adipate | | | A | A | A | – |
| Dibutyl Phthalate | | | A | A | – | B |
| Dibutylether | | | A | A | A | – |
| Dichlorobenzene | | | A | A | A | C |
| Dichloroethane | | | A | A | A | B |
| Dichloropropionic Acid | <170 | 90-100 | A | – | – | – |
| Diesel Fuel | | | A | A | A | A (at 150F) |
| Diethanolamine (DEA) | | | A | A | A | A (at 250F) |
| Diethyl Carbonate (Ethyl Carbonate) | | | A | A | A | – |
| Diethyl Ether | | | A | B | B | – |
| Diethylene | | | A | – | – | – |
| Diethylene Glycol | | | A | A | B | B |
| Diethylene Glycol Ethyl Ether | | | A | – | – | – |
| Diethylene Triamine | | | A | A | A | – |
| Di-isobutyl Ketone | | | A | A | A | – |
| Di-isopropyl Ketone | | | A | A | A | – |
| Dimethyl Amine | | | A | – | – | C |
| Dimethyl Formaldehyde | | | A | A | A | – |
| Dimethyl Formamide | | | A | B | – | A (at 167F) |
| Dimethyl Hydrazine (UDMH) | | | A | A | A | – |
| Dimethyl Phthalate | | | A | – | – | A (at 200F) |
| Dimethyl Terephthalate | | | A | A | A | – |
| Dinitrochlorobenzene (DNCB) | | | A | A | A | – |
| Dinitrochlorobenzene and Styrene | | | A | A | A | – |
| Dinitrotoluene | | | A | – | – | – |
| Dioctyl-amine | | | A | A | A | – |
| Dioctyl Phthalate | | | A | A | A | B |
| Dioxane | | 0-100 | A | – | – | A (at 167F) |
| Diphenyl | | | A | A | A | C |
| Dish Water | | | A | A | A | A |
| Dow Corning Silicone Fluid | | | A | A | A | – |
| Dowtherm A (dry) | | | A | A | A | – |
| Dowtherm E (dry) | | | A | B | A | – |
| Dye Wood Liquor | | | A | – | – | – |
| Ethane (Methylmethane) | | | A | A | A | – |
| Ethanol (Ethyl Alcohol | | | A | A | A | C |
| Ethanolamine | | | A | A | A | – |
| Ether | | | A | A | A | – |
| Ethyl Acetate | | | A | A | A | C |
| Ethyl Acrylate | | | A | A | A | B |
| Ethyl Alcohol (Ethanol) | | 100 | A | A | A | A (at 167F) |
| Ethyl Alcohol (Ethanol) | | 35 | A | A | A | A (at 167F) |
| Ethyl Benzene | | | A | A | A | C |
| Ethyl Benzoate | | | A | – | – | – |
| Ethyl Cellosolve | | | A | – | – | – |
| Ethyl Chloride (Dry) (Chloroethane) | | | A | A | B | C |
| Ethyl Chlorocarbonate | | | A | – | – | – |
| Ethyl Chloroformate | | | A | – | – | – |
| Ethyl Chlorohydrin | | | A | – | – | – |

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Ethyl Ether (Ethyl Oxide) | | | A | B | B | C |
| Ethyl Formate | | | A | – | – | – |
| Ethyl Hexanol | | | A | – | – | – |
| Ethyl Pyridine | | | A | A | A | – |
| Ethylene (Ethene) | | | A | A | A | – |
| Ethylene Chloride (Ethylene Dichloride) | | | A | A | B | C |
| Ethylene Chlorohydrin | | 0-8 | A | B | B | C |
| Ethylene Diamine | | | A | B | B | – |
| Ethylene Dibromide | | 100 | A | – | – | – |
| Ethylene Dichloride (Ethylene Chloride) | | 100 | A | A | B | C |
| Ethylene Glycol | | | A | A | A | C |
| Ethylene Oxide | | 100 | A | A | A | C |
| Ethylene Oxide and Freon 12 | | 12/80 | A | A | A | – |
| Ethylene Trichloride | | | A | – | A | – |
| Ethylene Vinyl Acetate | | | A | – | – | – |
| Fatty Acid, Oleic. | 95 | | A | B | A | A (at 150F) |
| Ferric Chloride (Aqueous) | | | A | C | A | A (at 200F) |
| Ferric Nitrate (Sat'd) | | | A | B | B | – |
| Ferric Sulfate (Aqueous) | | | A | A | A | A (at 150F) |
| Ferrous Chloride (Sat'd) | | | A | C | B | A (at 200F) |
| Ferrous Sulfate | | | A | B | B | A (at 200F) |
| Fluoboric Acid | | | A | B | A | B |
| Fluorine | <149 | 100 | A | A | B | C |
| Fluorolube | | | A | A | A | – |
| Fluosilicic Acid | | | A | B | C | – |
| Folic Acid | | | A | – | – | – |
| Formaldehyde (Methanol) | | | A | A | B | B |
| Formalin | | 40 | A | A | A | – |
| Formalin R Formaldehyde | | | A | – | – | – |
| Formic Acid (Methanoic Acid) | Any | All | A | – | – | A (at 200F) |
| Formic Acid (Methanoic Acid) | Hot | 90 | A | B | A | A (at 200F) |
| Freon 11 and Refrig. Oil | | | A | A | A | – |
| Freon 12 and Refrig. Oil | | | A | A | A | – |
| Freon 22 and Refrig. Oil | | | A | A | A | – |
| Freon 113 and Refrig. Oil | | | A | A | A | – |
| Freon 114 and Refrig. Oil | | | A | A | A | – |
| Freon 121 and Refrig. Oil | | | A | A | A | – |
| Freon 134 | | | – | – | – | – |
| Freon, Liquid | | | A | A | A | – |
| Fruit Acid | | | A | A | A | – |
| Fruit Juices | | | A | A | A | A |
| Fuel Oil | | | A | A | A | A (at 100F) |
| Fuel Oil, Acidic | | | A | A | A | – |
| Fuel Oil #6 | | | A | A | A | – |
| Furfural | | | A | A | A | C |
| Gas Oil | | | A | A | A | – |
| Gasoline Aromatic | | | A | A | A | B |
| Gasoline 100 and 130 Octane. | | | A | A | A | B |
| Gasoline Hi-Test w/Mercaptan, H2S | | | A | A | A | B |
| Gelatin | | | A | A | A | A (at 150F) |
| Glaubers Salt (Aqueous) (Sodium Sulfate) | | | A | A | A | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Glucose | | | A | A | A | A |
| Glue | | | A | A | A | – |
| Glue Sizing | | | A | A | A | – |
| Glycerine (Glycerol) | | 0-100 | A | A | A | A (at 250F) |
| Glycols | | | A | A | A | C |
| Grape Juice | | | A | A | A | A |
| Grease | | | A | A | A | – |
| Green Sulfate Liquor | | | A | A | A | – |
| Helium | | | A | – | – | – |
| Heptane | | | A | A | A | B |
| Hexachloro Acetone | | | A | – | – | – |
| Hexane | | | A | A | A | B |
| Hexene (Butylethylene) | | | A | – | – | – |
| Hexone | | | A | A | A | – |
| Hexyl Alcohol (Hexanol) | | | A | – | – | – |
| Hops | | | A | – | – | – |
| Hydrazine | | | A | A | – | – |
| Hydrobromic Acid | | | A | C | B | A (at 250F) |
| Hydrochloric Acid (Hydrogen Chloride) | <50 | Conc. | A | C | A | B |
| Hydrochloric Acid (Hydrogen Chloride) | <50 | Dilute | A | C | A | A |
| Hydrochloric Acid (Hydrogen Chloride) | >50 | Conc. | A | C | B | B |
| Hydrochloric Acid (Hydrogen Chloride) | >50 | Dilute | A | C | B | A (at 167F) |
| Hydrocyanic Acid (Prussic) | | | A | C | – | A (at 70F) |
| Hydrofluoric Acid | Cold | <55 | A | C | B | A |
| Hydrofluoric Acid, Aqueous | Any | All | A | – | – | B |
| Hydrofluoric Acid, Aqueous | Cold | >65 | A | C | B | B |
| Hydrofluosilicic Acid | Any | 0-20 | – | – | – | – |
| Hydrogen | | | A | A | A | A |
| Hydrogen Fluoride (H F Acid) Anhydrous | Cold | <65 | A | C | B | B |
| Hydrogen Fluoride (H F Acid) Anhydrous | Hot | All | A | C | B | B |
| Hydrogen Fluoride (H F Acid) Anhydrous | Cold | >65 | A | C | B | B |
| Hydrogen Peroxide | Cold | >90 | B | B | B | B |
| Hydrogen Sulfide (Dry) | Cold | >90 | B | B | B | B |
| Hydrogen Sulfide (Dry) | Hot | | B | B | B | B |
| Hydrogen Sulfide (Wet) | Cold | | B | B | B | B |
| Hydrogen Sulfide (Wet) | Hot | | B | B | B | B |
| Hypochlorous Acid | | | A | C | A | – |
| Ink | | | A | B | – | A |
| Insecticides (Aromatic) | | | A | B | A | – |
| Insecticides (Nonaromatic) | | | A | B | A | – |
| Iodine | <22 | 100 | A | C | A | C |
| Iodoform | | | A | A | A | – |
| Isobutane | | | A | A | A | – |
| Isobutyl Alcohol | | | A | A | A | – |
| Isobutyl Methyl Ketone | | | A | A | A | – |
| Isobutylene | | | A | A | A | – |
| Isodecane | | | A | – | – | – |
| Iso-Octane | | | A | A | A | – |
| Isopentane | | | A | A | A | – |
| Isopropanol | | | A | A | A | C |
| Isopropyl Acetate | | 100 | A | A | A | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Isopropyl Acetone | | | A | A | A | – |
| Isopropyl Alcohol | | 0-100 | A | A | A | C |
| Isopropyl Chloride | | | A | – | – | – |
| Isopropyl Ether | | 100 | A | A | A | – |
| Isopropylamine | | | A | A | A | – |
| JP-3 | | | A | A | A | – |
| JP-4 | | | A | A | A | C |
| JP-5 | | | A | A | A | C |
| JP-6 | | | A | A | A | – |
| JP-X | | | A | A | A | – |
| Kerosene | | 100 | A | A | A | C |
| Lacquer (MEK Solvent) | | | A | A | A | – |
| Lactic Acid | Hot | <10 | A | C | A | A (at 200F) |
| Lactic Acid | Any | All | A | – | – | A (at 150F) |
| Lard (Animal Fat) | | | A | A | A | A |
| Latex | | | A | A | A | – |
| Lavender Oil | | | A | A | A | – |
| Lead, Molten | | | B | – | – | – |
| Lead Acetate (Liquid) | | | A | A | A | A (at 200F) |
| Lead Nitrate | <22 | | A | B | B | A (at 100F) |
| Lead Sulphamate | | | A | B | B | – |
| Lime Bleach | | | A | – | – | – |
| Lime Water (Calcium Hydroxide) | | | A | A | A | – |
| Lindol | | | A | A | A | – |
| Linseed Oil | | | A | A | A | – |
| Liquid Oxygen | | | B | B | B | B |
| Liquid Petroleum Gas (LPG) | | | A | A | A | – |
| Liquor, Lime | | | A | – | – | – |
| Liquor, Pulp Mill | | | A | A | A | – |
| Liquor, Steep | | | A | – | – | – |
| Liquor, Sulfate | | | A | – | – | – |
| Lithium Bromide Brine | | | A | A | A | – |
| Lithium Chloride (Aqueous) | | | A | A | A | A (30%, 200F) |
| Lye, Caustic | | | A | – | – | – |
| Lye, Salty | | | A | – | – | – |
| Magnesium Carbonate | | | A | – | – | A (at 70F) |
| Magnesium Chloride (Bischofite) | | | A | A | A | A (at 200F) |
| Magnesium Hydroxide (Brucite) | | | A | A | A | C |
| Magnesium, Molten | | | C | C | C | C |
| Magnesium Nitrate | | | B | B | B | B |
| Magnesium Sulfate (Epsom Salt) (Aqueous) | | | A | B | B | A (at 100F) |
| Magnesium Sulfite (Aqueous) | | | A | – | – | – |
| Maleic Acid | | | A | A | A | C |
| Maleic Anhydride | | | A | A | A | – |
| Maleic Hydrazide | | | A | A | – | – |
| Manganese Chloride (Aqueous) | | | A | C | A | – |
| Manganese Sulfate (Aqueous) | | | A | A | A | – |
| Mannitol | | | A | – | – | – |
| Marsh Gas (Methane) | | | A | A | A | – |
| Marsh, Anti-biotic Fermentation, No solvent | | | A | A | – | – |
| Marsh, With Solvent | | | A | A | A | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Mayonnaise | | | A | A | A | – |
| MEA (Monoethanolamine) | | | A | A | A | – |
| MEA- With Copper Sulfate | | | A | A | A | – |
| Melamine Resins | | | B | C | – | – |
| Mercaptan | | | A | – | – | – |
| Mercuric Chloride | | | A | B | B | A (at 70F) |
| Mercury | | | A | A | A | A (at 150F) |
| Mercury Salts | | | A | A | A | – |
| Mercury Vapor | | | A | A | A | – |
| Mesityl Oxide (Ketone) | | | A | A | – | – |
| Methane (Marsh Gas) | | | A | A | A | A |
| Methanol (Methyl Alcohol) | | | A | A | A | C |
| Methyl Acetate | | | A | B | A | C |
| Methyl Acrylate | | | A | A | – | – |
| Methyl Alcohol (Methanol) | | 0-100 | A | A | A | C |
| Methylamine | | | A | A | – | – |
| Methyl Bromide (Bromomethane) | | | A | A | – | C |
| Methyl Butyl Ketone | | | A | A | – | – |
| Methyl Cellosolve | | | A | B | – | – |
| Methyl Chloride (Chloromethane) (Anhydrous) | | | A | A | – | C |
| Methyl Chlorosilanes | | | B | – | – | – |
| Methyl Cyclopentane | | | A | – | – | – |
| Methyl Dichloride | | | A | A | – | – |
| Methylene Chloride (Dichloromethane) | | | A | B | B | C |
| Methylene Dichloride | | | A | A | – | – |
| Methyl Ether | | | A | – | – | – |
| Methyl Ethyl Ketone (MEK) | | | A | A | A | A (at 167F) |
| Methyl Formate | | | A | – | – | – |
| Methyl Isobutyl Ketone | | 100 | A | B | A | C |
| Methyl Isopropyl Ketone | | | A | A | – | – |
| Methyl Methacrylate | | | A | B | – | – |
| MIL F-25558 (RJ-1) | | | A | A | A | – |
| MIL L-7808 | | | A | A | A | – |
| MIL H-5606 (HFA) | | | A | A | A | – |
| MIL H-5606 (J43) | | | A | A | A | – |
| MIL O-8515 | | | A | A | A | – |
| MIL O-8200 (Hydr) | | | A | A | A | – |
| Milk | | | A | A | A | A |
| Milk of Lime | | | A | A | A | – |
| Mine Water | 20 | | A | A | A | – |
| Mine Water Acid | <20 | | A | A | A | – |
| Mineral Spirits | | | A | A | A | – |
| Miscella 20% Soya Oil | | | A | A | A | – |
| Mixed Sulfuric and Nitric Acid | Any | All | C | C | C | C |
| Mobiltherm Heat Transfer Fluid | | 100 | A | – | – | – |
| Molasses | | | A | A | A | A |
| Monochloro Acetic Acid | | 100 | A | B | B | – |
| Monochlorobenzene | | 100 | A | A | A | – |
| Monoethanolamine (MEA) | | | A | A | A | – |
| Monoethylene glycol ethyl ether | | | A | – | – | – |
| Monomethyl Amine | | | A | – | – | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Monovinyl Acetate | | | A | – | – | – |
| MTBE | | | A | – | – | – |
| Muriatic Acid (See Hydrochloric acid) | | | A | C | A | – |
| Mustard | | | A | A | A | – |
| Naphtha | | | A | A | B | C |
| Naphtha, Crude | | | A | A | – | C |
| Naphthalene | | | A | A | A | C |
| Naphthenic Acid | <290 | All | A | A | A | – |
| Natural Gas Liquid | | | A | A | A | – |
| Neatsfoot Oil | | | A | A | A | – |
| Nickel Acetate | | | A | – | – | – |
| Nickel Carbonyl (Ni(CO)4) | <60 | | A | – | – | – |
| Nickel Chloride | Any | All | A | – | – | C |
| Nickel Chloride | Hot | <30 | A | B | B | C |
| Nickel Cobalt Sulfate, 5% H2SO4 | 95 | | A | C | – | – |
| Nickel Nitrate | <48 | | – | – | – | A |
| Nickel Salts | | | A | – | – | – |
| Nickel Sulfate | | | A | B | B | A (at 200F) |
| Nicotine Sulfate | | | A | A | – | – |
| Nitric Acid | <85 | <10 | A | A | A | A |
| Nitric Acid | <60 | 10-20 | A | A | A | A |
| Nitric Acid | <38 | >20 | A | A | A | C |
| Nitric Acid (Fuming) | Hot | | C | C | C | C |
| Nitrobenzene | | | A | B | C | C |
| Nitrobenzine | | | A | A | – | – |
| Nitrochloroform | | | A | A | – | – |
| Nitroethane | | | A | A | – | – |
| Nitrogen Gas | | | A | A | A | A |
| Nitromethane | | | A | A | A | – |
| Nitropropane | | | A | A | – | – |
| Oakite | | | A | – | – | – |
| Octyl Alcohol | | 100 | A | – | – | – |
| Oil & Ammonia | | | A | A | A | – |
| Oil, Animal, Bone | | | A | A | A | – |
| Oil, Animal, Cod | | | A | A | A | – |
| Oil, Animal, Lard | | | A | A | A | – |
| Oil, Animal, Menhaden | | | A | A | A | – |
| Oil, Animal, Neatsfoot | | | A | A | A | – |
| Oil, Animal, Sperm | | | A | A | A | – |
| Oil, Animal, Whale | | | A | A | A | – |
| Oil, Bunker 'C' | | | A | A | A | – |
| Oil, Coal Tar | | | A | A | A | – |
| Oil, Creosote, Sweet | | | A | A | A | – |
| Oil, Crude, Sweet | Cold | | A | A | A | – |
| Oil, Diesel, #2D | | | A | A | A | – |
| Oil, Diesel, #3D | | | A | A | A | – |
| Oil, Diesel, #4D | | | A | A | A | – |
| Oil, Diesel, #5D | | | A | A | A | – |
| Oil, Essential | | | A | A | A | – |
| Oil, Fed. Spec. #10 | | | A | A | A | – |
| Oil, Fed. Spec. #20 | | | A | A | A | – |

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Oil, Fed. Spec. #30 | | | A | A | A | – |
| Oil, Fed. Spec. #9170 | | | A | A | A | – |
| Oil, Fed. Spec. #9250 | | | A | A | A | – |
| Oil, Fed. Spec. #9370 | | | A | A | A | – |
| Oil, Fed. Spec. #9500 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 20 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 30 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 40 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 50 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 60 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 70 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 90 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 140 | | | A | A | A | – |
| Oil, Fed. Spec. SAE 250 | | | A | A | A | – |
| Oil, Fuel #1 | | | A | A | A | – |
| Oil, Fuel #2 | | | A | A | A | – |
| Oil, Fuel #3 | | | A | A | A | – |
| Oil, Fuel #5A | | | A | A | A | – |
| Oil, Fuel #5B | | | A | A | A | – |
| Oil, Fuel #6 | | | A | A | A | – |
| Oil, Insulating | | | A | A | A | – |
| Oil, Kerosene | | | A | A | A | – |
| Oil, Lean | | | A | A | A | – |
| Oil, Linseed (Raw) | | | A | A | A | – |
| Oil, Lubricating #8 | | | A | A | A | – |
| Oil, Lubricating Diesel #9110 | | | A | A | A | – |
| Oil, Mineral Lard Cutting, Fed Spec. #1 | | | A | A | A | – |
| Oil, Mineral Lard Cutting, Fed Spec. #2 | | | A | A | A | – |
| Oil, Mineral SAE 10 | | | A | A | A | B |
| Oil, Navy Spec., NavyII | | | A | A | A | – |
| Oil, Quenching | | | A | A | A | – |
| Oil, Rich | | | A | A | A | – |
| Oil, Turbine Lube | | | A | A | A | – |
| Oil, Vegetable, Castor | | | A | A | A | – |
| Oil, Vegetable, China Wood | | | A | A | A | – |
| Oil, Vegetable, Cocoanut | | | A | A | A | – |
| Oil, Vegetable, Corn | | | A | A | A | – |
| Oil, Vegetable, Cottonseed | | | A | A | A | – |
| Oil, Vegetable, Linseed (Raw) | | | A | A | A | – |
| Oil, Vegetable, Olive | | | A | A | A | – |
| Oil, Vegetable, Palm | | | A | A | A | – |
| Oil, Vegetable, Peanut | | | A | A | A | – |
| Oil, Vegetable, Rape Seed | | | A | A | A | – |
| Oil, Vegetable, Rosin | | | A | A | A | – |
| Oil, Vegetable, Sesame | | | A | A | A | – |
| Oil, Vegetable, Soya Bean | | | A | A | A | – |
| Olefin, Crude | | | A | A | A | – |
| Oleic Acid | | | A | A | A | C |
| Oleums | | | C | C | C | C |
| Ortho-Phosphoric Acid | <80 | All | A | – | – | – |
| Orthodichloro Benzene | | | A | A | – | – |

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| OS 45 Type IV | | | B | B | B | – |
| Oxalic Acid (Ethanedioic Acid) | Cold | | A | A | A | A (at 200F) |
| Oxalic Acid (Ethanedioic Acid) | Hot | | A | A | A | – |
| Oxygen, Gas (<2000 psi) | <400 | 100 | A | A | – | B |
| Oxygen, Liquid | | | A | A | – | A |
| Palmitic Acid (Hexadecanoic Acid) | | | A | A | A | A (at 150F) |
| Palmitic Acid, Stearic | | | A | B | A | – |
| Paracymene | | | A | A | A | – |
| Paradichlorobenzene | | 100 | A | – | – | – |
| Paraffin, Liquid | | | A | A | A | – |
| Paraldehyde | | 100 | A | – | – | – |
| Parkerizing Solution | | | A | – | – | – |
| Pectin, Liquor | | | A | A | A | – |
| Penicillin, Liquid | | | A | A | A | – |
| Pentachlorophenol | | | A | A | A | – |
| Pentane | | | A | A | A | – |
| Pentasol | | | A | – | – | – |
| Perchloroethylene | | | A | A | A | C |
| Peroxide of Hydrogen | Cold | >90 | C | C | C | C |
| Petrolatum | | | A | A | A | – |
| Petroleum Ether | | | A | A | A | A (at 150F) |
| Phenol (Carbolic Acid) | 205 | All | A | A | A | C |
| Phenol, Formaldehyde Mix | | | A | A | B | – |
| Phenyl Acetic Acid | | | A | A | A | – |
| Phidolene | | | A | – | – | – |
| Phosgene Gas | | | A | C | A | – |
| Phosphoric Acid | 50 | >40 | A | B | A | A (at 200F) |
| Phosphoric Acid | Cold | 100 | A | A | A | – |
| Phosphoric Acid | <80 | <45 | A | B | A | A (at 200F) |
| Phosphoric Acid | Cold | <45 | A | B | A | A (at 200F) |
| Phosphorus Trichloride (Dry) | | 100 | A | A | A | A (at 200F) |
| Photographic Developers | | | A | A | B | A |
| Phthalic Anhydride (Anhydrous) | | | A | A | A | – |
| Phthalic Esters | | | A | A | – | – |
| Picric Acid, Molten | | | A | B | B | C |
| Picric Acid, Water Solution | <20 | | A | B | B | C |
| Plasticizer | | | A | A | A | – |
| Plating Solutions, Chrome | <22 | | A | C | C | – |
| Plating Solutions, Others | | | A | C | B | – |
| Poly Glycols | | | A | A | A | – |
| Polyphenyl Ether | | | – | – | – | – |
| Poly Vinyl Acetate | | | A | – | – | – |
| Potash (Plant Liquor) | | | A | B | B | – |
| Potash Alum (Aqueous) | | | A | A | – | – |
| Potash Sulfide | | | A | A | – | – |
| Potassium Bicarbonate | | | A | B | B | A (at 200F) |
| Potassium Bichromate (Aqueous) | | | B | B | – | B |
| Potassium Bromide | | | A | B | B | C |
| Potassium Carbonate (Aqueous) | | | A | A | B | C |
| Potassium Chlorate | | | A | B | B | A (at 70F) |
| Potassium Chloride (Aqueous) (Sylvite) | | | A | A | A | A (at 150F) |

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Potassium Cyanides (Aqueous) | | | A | A | B | – |
| Potassium Dichromate | | | B | B | B | A (at 150F) |
| Potassium Hydroxide (Aqueous) | | >50 | A | B | B | C |
| Potassium Hydroxide (Aqueous) | | <50 | A | B | A | C |
| Potassium, Molten | | | C | C | C | C |
| Potassium Nitrate (Aqueous)(Saltpeter) | | | B | B | B | B |
| Potassium Perfluoro Acetate | | | A | A | A | – |
| Potassium Permanganate | | | A | A | A | A (20%, 200F) |
| Potassium Phosphate (Di, Tri) | | | A | A | A | – |
| Potassium Sulfate (Aqueous)(Arcanite) | | | A | A | B | A (at 70F) |
| Propane (Dimethylmethane) | | | A | A | A | C |
| Propiolactone, beta | 20 | | A | A | – | – |
| Propionaldehyde | | | A | A | – | – |
| Propylene (Propane) | | | A | A | A | C |
| Propylene Glycol | | | A | A | A | B |
| Propylene Glycol & Water | | | A | – | – | – |
| Propylene Oxide | | | A | A | – | – |
| Pulp Stock | | | A | – | – | – |
| PVC, Liquid | 230-260 | | A | – | – | – |
| Pyridine | | | A | A | A | C |
| Pyrogallic Acid | | | A | – | – | – |
| Pyroligneous Acid | | | A | A | – | – |
| Quick Clean (Tetrachloroethylene & Carbon Dioxide) | | | A | B | B | – |
| Raffinate | | | A | A | – | – |
| Rosin | 38 | | A | A | A | – |
| Sal Ammoniac (Ammonium Chloride) | | | A | A | A | – |
| Salt Cake | | | A | A | A | – |
| Salt Cake (Aqueous) | | | A | A | A | – |
| Salt Water | | | A | B | A | A |
| Sea Water | | | A | A | A | A |
| Selenic Acid | | | A | – | – | A |
| Sewage | | | A | B | A | A |
| Shellac | | | A | A | A | – |
| Silicone Oils and Greases | | | A | A | – | – |
| Silver Nitrate | | 10 | A | A | A | A |
| Skydol 500 | | | A | A | A | – |
| Skydol 7000 | | | A | A | A | – |
| Slop, Brewery | | | A | – | – | – |
| Slop, Distillers | | | A | – | – | – |
| Soap, Liquors | | | A | A | – | – |
| Soap, Solutions | | | A | A | A | A |
| Soda Ash (Sodium Carbonate) | Cold | | B | B | B | – |
| Sodium Acetate | | | A | A | C | A (at 200F) |
| Sodium Aluminate | | | A | A | B | – |
| Sodium Bicarbonate (Aqueous) | | | A | A | A | A (at 100F) |
| Sodium Bisulfate | | | A | A | B | A (at 200F) |
| Sodium Bisulfite | | | A | A | A | A (at 200F) |
| Sodium Borate (Borax) | | | A | A | A | A (at 70F) |
| Sodium Carbonate (Aqueous) | | | B | B | B | B |
| Sodium Chlorate (Sat'd) | | | B | B | B | B |
| Sodium Chloride Sol. (Common Salt) | | 100 | A | C | A | A (at 250F) |

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Sodium Chlorite | <22 | 0-4 | A | – | – | – |
| Sodium Cyanamide | | | A | A | – | – |
| Sodium Cyanide (Aqueous) | | | B | B | B | B |
| Sodium Hydrosulfite | | | A | A | A | – |
| Sodium Hydroxide | <120 | All | A | – | – | B |
| Sodium Hydroxide (Aqueous) | <65 | <50 | A | B | B | B |
| Sodium Hypochlorite | <22 | 20 | A | B | A | A (at 70F) |
| Sodium Metaphosphate | | | B | B | B | – |
| Sodium Metasilicate | | | A | A | A | – |
| Sodium, Molten | <450 | | A | – | – | – |
| Sodium Nitrate (Aqueous)(Soda Niter) | | | A | A | B | A (at 200F) |
| Sodium Perborate | | | A | B | B | – |
| Sodium Peroxide Sol. | | | A | A | B | A |
| Sodium Phosphate, Meta (Aqueous) | | | A | A | A | – |
| Sodium Phosphate, Mono (Aqueous) | | | A | A | A | – |
| Sodium Phosphate, Dibasic (Aqueous) | | | A | A | A | – |
| Sodium Phosphate, Tribasic (Aqueous) | | | A | A | A | – |
| Sodium Plumbite (Aqueous) | | | A | A | – | – |
| Sodium Silicate (Aqueous)(Water Glass) | | | A | A | A | – |
| Sodium Sulfate (Aqueous)(Glauber's Salt) | | | A | A | A | A (at 200F) |
| Sodium Sulfide | | | A | A | A | B |
| Sodium Sulfite (Aqueous) | | | C | C | C | C |
| Sodium Tetraborate | | | A | A | A | – |
| Sodium Thiosulfate | | | A | A | A | – |
| Solvasol 1,2, &3 | | | A | A | A | – |
| Solvasol 73, 74 | | | A | A | A | – |
| Sorbitol | | | A | A | – | – |
| Stannic Chloride | | | A | C | B | A (at 150F) |
| Starch | | | A | A | A | A |
| Steam | >120 | | A | A | A | A |
| Stearic Acid (Octodecanoic Acid) | | | A | A | – | A |
| Stearic and Oleic Acid | | | A | A | – | – |
| Stoddard Solvent | | | A | A | A | B |
| Strontium Nitrate (Aqueous) | | | A | – | – | – |
| Styrene (Monomer) (Vinylbenzene) | | | A | A | A | – |
| Succinic Acid | | | A | – | – | A (at 200F) |
| Sugar (Aqueous) | | | A | A | A | – |
| Sulfate Liquors | | | A | A | A | – |
| Sulfate of Lime | | | A | – | – | – |
| Sulfide of Hydrogen | <700 | | A | A | A | – |
| Sulfide of Sodium | Hot | | A | C | B | – |
| Sulfide of Sodium | Cold | | A | C | B | – |
| Sulfite Pulp | | | A | – | – | – |
| Sulfonic Acid | 60 | Dilute | – | – | – | – |
| Sulfur Chloride (Aqueous) | Cold | | A | C | – | C |
| Sulfur Dioxide (Dry) | | | B | B | B | B |
| Sulfur Dioxide (Wet) | | | A | C | A | B |
| Sulfur Dioxide & Water | | | A | C | A | B |
| Sulfur in Water | | | B | – | – | – |
| Sulfur, Molten | | | B | B | C | B |
| Sulfur Monochloride | | 100 | A | – | – | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Sulfur Trioxide (Dry) | | | B | B | B | C |
| Sulfur Trioxide (Wet) | | | B | B | – | C |
| Sulfuric Acid | Cold | <70 | A | C | A | C |
| Sulfuric Acid | <120 | <60 | A | C | B | C |
| Sulfuric Acid | <65 | <95 | A | C | A | B |
| Sulfuric Acid | | >95 | C | C | C | C |
| Sulfuric Acid | <75 | <10 | A | C | A | A |
| Sulfuric Acid Fuming (Oleum) | Cold | 20-25 | C | C | C | C |
| Sulfurous Acid, Wet | Any | All | A | C | A | A |
| Sulphonated Fatty Alcohol | | | A | A | A | – |
| Sulphonated Vegetable Oils | | | A | A | A | – |
| Sulphuric Chlorohydrin | | | A | C | – | – |
| Syrup, (Sucrose Soln.) | | | A | A | A | – |
| Tall Oil | 95 | | A | B | A | – |
| Tallow | | | A | A | A | B |
| Tannic Acid | <65 | | A | A | A | A (at 150F) |
| Tanning Liquors | | | A | A | A | A |
| Tar & Ammonia w/Water | | | A | A | A | – |
| Tar, Bituminous | | | A | A | A | – |
| Tar, Pine | | | A | A | A | – |
| Tartaric Acid, Aqueous | Hot | | A | A | A | A (at 150F) |
| TBA (Tertiary Butyl Alcohol) | | | A | – | – | – |
| Terephthalic Acid | | | A | A | – | – |
| Tetrachloroethane | | 100 | A | A | A | C |
| Tetrachloroethylene | | | A | A | – | A (at 200F) |
| Tetra Ethyl Lead | | | A | A | – | – |
| Tetrahydrofuran | | | B | B | B | C |
| Tetraphenyl | | | A | A | – | – |
| Therminol #1, 2, & 3 | | | A | A | A | – |
| Titanium Tetrachloride | | | A | A | – | C |
| Toluene (Toluol) (Methylbenzene) | | | A | A | A | A (at 167F) |
| Tomato Pulp | | | A | A | A | – |
| Toxaphene | | | A | – | A | – |
| Trichlorobenzene | | | A | A | A | – |
| Trichloroethane (Dry) | | | A | A | A | – |
| Trichloroethane (wet) | | | A | – | A | – |
| Trichloroethylene (Dry) | | | A | A | A | A (at 167F) |
| Trichloroethylene (Wet) | | | A | A | A | A (at 167F) |
| Trichloronitromethane | | | A | A | – | – |
| Tricresyl Phosphate | | | A | A | A | A (at 167F) |
| Triethylamine | | | A | A | A | – |
| Triethylene | | | A | – | – | – |
| Triethylene Glycol Ethyl Ether | | | A | – | – | – |
| Trifluorovinylchloride | | | A | A | A | – |
| Trimethyl Amine | | | A | – | – | – |
| Trisodium Phosphate | | | A | A | A | A (at 70F) |
| Turpentine | | | A | A | A | C |
| UCON Heat Transfer Fluid (All Types) | | 100 | A | – | – | – |
| Urea (Anhydrous) ( Carbamide) | All | 100 | A | A | B | A (at 70F) |
| Urea (Wet) ( Carbamide) | All | All | A | A | B | A (at 70F) |
| Urea & Phenolic Resins | | | A | – | – | – |

Call Gasket Applications Engineering at 1-800-448-6688 for specific recommendations.

| Medium | Temperature + Concentration | | Garlock Graph-Lock® Style Numbers | | | |
|---|---|---|---|---|---|---|
| | °C | % | 3120 3123/3125 | 3124/3126 3125SS 3125TC 3128 | 3125HC (H276) | 3125MC (Mylar-polyester) |
| Urine | | | A | A | A | A |
| Varnish, Aromatic | | | A | A | A | – |
| Varnish, Non-aromatic | | | A | A | A | – |
| Vegetable Juice | | | A | A | A | – |
| Vetrocoke Solution (Wet) | | | A | A | A | – |
| Vinegar | | | A | A | A | A (at 150F) |
| Vinyl Chloride (Chloroethene) | | | A | A | A | – |
| Vinylidine Chloride | | | A | A | A | – |
| Vinyl Pyridine | | | A | A | A | – |
| Vitriole, White | | | B | B | B | – |
| Water, Boiler Feed | | | A | A | A | A |
| Water, Borated | Any | | A | – | – | – |
| Water, Brackish | | | A | A | A | A |
| Water, Clean untreated | | | A | A | A | A |
| Water, Cooling Tower | | | A | A | A | A |
| Water, Condensate | | | A | A | A | A |
| Water, Distilled | | | A | A | A | A |
| Waterflood Service | | | A | A | A | – |
| Water, Fresh | | | A | A | A | A |
| Water, Heavy | | | A | A | A | – |
| Water, Hot | <135 | | A | A | A | A |
| Water, Mine | | | A | A | A | A |
| Water, River | | | A | A | A | A |
| Water, Salt & Sea, Solution | | | A | B | A | A |
| Water, Soapy | <100 | | A | A | A | A |
| Water w/Sol. Oil | | | A | A | A | – |
| Whiskey | | | A | A | A | B |
| White Liquor | | | A | A | A | – |
| White Water, Paper Mill | | | A | A | A | – |
| Wine | | | A | A | A | B |
| Wood Pulp (Stock) | | | A | – | – | – |
| Wood Vinegar | | | A | A | – | – |
| Wort (Beer Wort) | | | A | A | A | – |
| Xylene (Dimethylbenzene) | | | A | A | A | B |
| Yeast | | | A | – | – | A |
| Zeolite Treated Water | | | A | A | A | – |
| Zinc Ammonium Chloride | | | A | – | – | – |
| Zinc Chloride (Wet) | | | A | B | B | A (at 200F) |
| Zinc Chloride (Dry) | | | A | B | B | A (at 200F) |
| Zinc Cyanide | | | A | A | A | – |
| Zinc Nitrate | | | A | A | A | A (at 150F) |
| Zinc Phosphate | | | A | – | – | – |
| Zinc Sulfate | | | A | A | A | A (at 250F) |