

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | Temp. F | Filter Media | Container | Core | Gasket |
|----------------------------|-------------|---------------------------|-----------|------------|---------------|
| Acetaldehyde | | F-6,9,15 | C-2 | H-2 | G-5 |
| Acetaldehyde 10% | 70 | F-15 | C-2 | H-2 | G-5 |
| Acetamide Any | 150 | F-6 | C-1,2 | H-1,2 | G-2,3 |
| Acetate Solvents | Note 2,3 | F-1,2,7 | C-1 | H-1 | G-1,5 |
| Acetate Solvents | 70 | F-9 | C-1 | H-1 | G-1,5 |
| Acetic Acid 0-20% | 100 | F-1,2,9,15,17,19,20 | C-2 | H-2,9,12 | G-3,5,6,10,11 |
| Acetic Acid 50% | Note 2,8 | F-9 | C-2 | H-2,9,12 | G-5-6-10 |
| Acetic Acid 75% | 100 | F-7,9 | C-2 | H-2,3 | G-1,5,6,10 |
| Acetic Acid Any | Note 2 | F-5,7,9 | C-2,6 | H-2 | G-1,5,6,10 |
| Acetic Acid 100% | 70 | F-5,7,9,15 | C-2,6 | H-2,9,12 | G-1,5,6,10 |
| Acetic Anhydride Any | 200 | F-7 | C-2,6 | H-2 | G-5 |
| Acetic Anhydride Any | 125 | F-7,9 | C-2,6 | H-2,12 | G-5 |
| Acetone | 50 | F-1,2,9,15,17,18,19,20,21 | C-1 | H-1,9,12 | G-1,4,5,10 |
| Acetonitrile | | F-18 | C-2 | H-2 | G-2,3,9,10,13 |
| Acetophenone 100% | | F-9 | C-2 | H-2,9 | G-5,10 |
| Acetyl Chloride | | F-8 | C-2 | H-2 | G-5,9 |
| Acetylsalicylic Acid | 125 | F-1,2 | C-2 | H-2 | G-2,3,7 |
| Acetylene | 150 | F-1,2,6,9,15,17 | C-1 | H-1,12 | G-2,6,9,10 |
| Acriflavine 2% | | F-9 | | H-9 | |
| Acrylic Emulsions | | F-9 | | H-9 | |
| Acrylonitrile 100% | 70 | F-1,2,6,15,19 | C-2 | H-2,13 | G-5 |
| Adhesives | | | C-1,2 | H-1 | G-2,3,5 |
| Adipic Acid 100% | | F-9,19 | C-5 | H-9 | C-5, 9 |
| Air | Note 2,8 | F-1,2,7,9,15,17,18,21 | C-1 | H-1,2,9,12 | C-1,2,3,4,13 |
| Alcohol Solvents | Note 2,3 | F-1,2,7,9,13,18 | C-1 | H-1 | G-1,5,9,13 |
| Ally Alcohol | | F-1,2,9 | C-1 | H-1 | G-2,3,5,6 |
| Ally Chloride | | F-9 | C-2 | H-9 | G-5 |
| Almond Extract | | F-9 | | H-9 | |
| Alum Any | 160 | F-9-15 | C-4,5 | H-4 | G-1,2,3,6,10 |
| Aluminum Acetate | 180 | F-1,2,17 | C-4,5 | H-4 | G-5,6,10 |
| Aluminum Acetate 65% | 70 | F-15 | C-4,5 | H-4 | G-5,6,10 |
| Aluminous Chloride Any | 130 | F-1,2,9,15,17 | C-4,5 | H-12 | G-2,3,6,10,11 |
| Aluminum Fluoride | | F-9 | | H-9 | |
| Aluminum Hydroxide | 70 | F-1,2,6,9 | C-1,2,6 | H-2,9,13 | |
| Aluminum Nitrate Any | 150 | F-1,2,15,17 | C-2 | H-4 | G-2,3,6,10 |
| Aluminum Oxychloride | | F-9 | | H-9 | |
| Aluminum Potassium Sulfate | | F-9 | | H-9 | |
| Aluminum Sulfate | 70 | F-6-9-15 | C-1,2 | H-1,2,9 | G-2,3,5,6,10 |
| Amino Acids | 150 | F-1,2 | C-2 | H-4 | G-5 |
| Amino Ethanolamine | 225 | F-1,2 | C-1,2 | H-2 | G-5,6 |
| Ammonia 30% | 70 | F-2,18 | C-1 | H-2,4,9,12 | G-2,3,6,10,13 |
| Ammonia Liquid Anhydrous | Note 3,8 | F-6,7,9,21 | C-1 | H-2,4,9,12 | G-2,3,6,10 |
| Ammonia Gas (Dry) | Note 3,8,11 | F- 1,2,6,9,17,19 | C-1 | H-1,2,9,12 | G-2,3,10,11 |
| Ammonia Gas (Wet) | Note 3,8,11 | F-5,6,9,19 | C-2 | H-4,9,12 | G-2,3,5,10,11 |
| Ammomonium Acetate Any | 125 | F-9 | C-2 | H-4,12 | G-5 |

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| % Concentration | | Temp. F | Filter Media | Container | Core | Gasket |
|----------------------|------|-----------|------------------------|-----------|-------------|-------------------|
| Ammonium Bicarbonate | Any | 125 | F-9 | C-2 | H-4,12 | G-3,5,10 |
| Ammonium Bicarbonate | 50% | 160 | F-1,2,15,17 | C-2 | H-4,12 | G,3,5,10 |
| Ammonium Bromide | Any | Note 3,8 | F-5,7,9,15 | C-4 | H-4,9,12 | G-5 |
| Ammonium Carbonate | Any | 150 | F-1,2,9,15,17 | C-1 | H-9,12 | G-3,6,10 |
| Ammonium Chloride | Any | Note 3,8 | F-1,2,5,7,9,15,17 | C-4 | H-4,9,12 | G-2,3,6,10,11 |
| Ammonium Fluoride | Any | Note 3,8 | F-5,9 | C-4 | H-9,12 | G-3,5 |
| Ammonium Fluoride | 40% | 150 | F-5,9,15 | C-4 | H-12 | G-3,5 |
| Ammonium Hydroxide | 28% | 150 | F-1,2,9,15,17,18,20,21 | C-1,2 | H-2,9,12 | G-3,6,10,11,13 |
| Ammonium Hyposulfite | Any | 180 | F-1,2 | C-2 | H-2 | G-3,5,7 |
| Ammonium Nitrate | Any | Note 3,8 | F-5,6,9,15 | C-1,2 | H-2,6,9,12 | G-2,3,6,11 |
| Ammonium Oxalate | 5% | Note 3,8 | F-9 | C-2 | H-2,9,12 | G-3,7 |
| Ammonium Persulfate | Any | 180 | F-9,15 | C-2 | H-2,4,12 | G,3,7,10 |
| Ammonium Persulfate | 5% | Note 3,8 | F-9,15 | C-2 | H-2,4,9,12 | G-3,7,10 |
| Ammonium Persulfate | Any | Note 3,8 | F-7,9,15 | C-2 | H-2,4,9,12 | G-2,3,6,10,11 |
| Ammonium Phosphate | | 140 | F-9 | C-2 | H-2,4,9 | G-2,3,5,6,9,10,13 |
| Ammonium Sulfate | Any | Note 3,8 | F-7,9,15 | C-2 | H-2,4,9,12 | G-2,3,6,10,11 |
| Ammonium Sulfate | 5% | 70 | F-9,15 | C-2 | H-2,4,9 | G-2,3,5,10 |
| Ammonium Sulfide | | | F-9 | C-2 | H-2,10 | G-2,3,5,9 |
| Ammonium Thiocyanate | Any | Boil | F-1,2 | C-2 | H-2 | G-5,6 |
| Amyl Acetate | Any | Note 3 | F-1,2,15,18 | C-1 | H-1,2 | G-4,5,10 |
| Amyl Alcohol | Any | 150 | F-1,2,9,15,17,18,21 | C-2 | H-4,9,12 | G-3,5,6,10 |
| Amyl Chloride | | | F-21 | C-2 | H-2,4 | G-5,6,10 |
| Aniline | 100% | 150 | F-1,2,9,15 | C-2 | H-2,4 | G-5,6,10 |
| Antimony Trichloride | | | F-9 | C-2 | H-9 | G-5,9,10 |
| Arsenic Acid | Any | Note 3,8 | F-9 | C-2,4 | H-4,9,12 | G-2,3,6,10,11 |
| Arsenic Acid | 80% | 70 | F-9,15,19 | C-2,4 | H-4,9,12 | G-2,3,6,10,11 |
| Aqua Regia | | Note 11 | F-7,9 | | H-9 | G-5,9 |
| Asphalt | | 70 | F-1,2,9 | C-1,2 | H-1,2,4 | G-5,9 |
| Banana Oil | | 70 | F-1,6,15 | C-1,2 | H-1,2,4,13 | G-4,5 |
| Barium Carbonate | | Note11 | F-6,15,9 | C-2 | H-9,13 | G-2,3,5,9,10 |
| Barium Chloride | 10% | Note 2,8, | F-1,2,9,15,17 | C-4,5 | H-9,12 | G-2,3,6,10,11 |
| Barium Hydroxide | | | F-9 | | H-9 | |
| Barium Sulfate | | | F-9 | | H-9 | |
| Barium Sulfide | | | F-9 | | H-9 | |
| Beer | | | F-1,2,17 | C-2 | H-2,4 | G-2,3,7 |
| Beet Sugar Liquors | | | F-1,2,9 | C-2 | H-2,4 | G-2,5,6,10,13 |
| Benzaldehyde | 100% | 70 | F-1,6,7,15,17,18,20,21 | C-1 | H-13 | G-5,6,10 |
| Benzene | | Note 11 | F-1,2,15,17,18,19 | C-1 | H-1 | G-4,9 |
| Benzoic Acid | 10% | Note 3,8 | F-1,2,9,15 | C-2 | H-2,9,10,12 | G-1,5,9 |
| Benzoic Acid | Any | Note 3,8 | F-9,15 | C-2 | H-2,9,12 | G-5,9 |
| Benzyl Alcohol | Any | 150 | F-1,2,9,15,17 | C-1,2 | H-1,2,6 | G-2,3,10,11 |
| Benzyl Chloride | | | F-9 | C-2 | H-9 | G-5,9 |
| Bismuth carbonate | | | F-9 | C-2 | H-9 | G-5,7,9 |
| Bleach | | | F-9 | C-2 | H-9 | G-5,10 |
| Borax | | | F-9 | C-2 | H-2,9,10 | G-3,5,9 |

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|---------------------------------------|---------|--------------|---------------------------|---------|---------------|-------------------|
| Boric Acid | 10% | Note 3,8 | F-1,2,9,15,17 | C-2 | H-1,2,9,12 | G-2,3,4,5,6,10,11 |
| Boric Acid | Any | Note 3,8 | F-9,15 | C-2 | H-1,4,9,12 | G-2,3,4,5,6,10,11 |
| Brandy | | | F-1,2 | C-2 | H-2 | G-7 |
| Brine | | | See Water, Salt | | | |
| Bromine Anhydrous | 100% | Note 3 | F-1,2 | C-5 | H-4 | G-5,9 |
| Bromine Water | Any | Note 3 | F-7 | C-2 | H-2,4 | G-5,9 |
| Bromotoulene | | | | | | |
| Butane Gas | | | F-1,2,15,17 | C-1 | H-1 | G-2,3,9 |
| Butanoic Acid | | | F-1,6,9 | C-2 | H-1,2,4,13 | G-5,9 |
| Butly Acetate | Any | 70 | F-1,2,18,19,20,21 | C-1 | H-2,4 | G-4,5 |
| Butyl Alcohol (Butanol) | Any | 150 | F-1,2,9,15,17,18,19,20,21 | C-1 | H-1,9,12 | G-2,3,4,11,13 |
| Butyl Cellosolve | | 70 | F-1,9,18,21 | C-2 | H-1,2,4,9 | G-6,10 |
| Butyl Chloride | | 70 | F-1 | C-1,2 | H-2,4 | |
| Butylene | | 70 | F-1,6 | C-1,2 | H-1,2,4,13 | G-5,9 |
| Butylphthalate | | | F-9 | | H-9 | |
| Calcium Carbonate | | | F-5,6,9 | C-2 | H-2,9,10 | G-2,3,5,9 |
| Calcium Chlorate | | | F-9 | C-2 | H-2,9,10 | G-2,3,5,9 |
| Calcium Chloride | Any | Note 2,8 | F-1,5,9,15,17 | C-2 | H-4,9,12 | G-2,3,6,10 |
| Calcium Hydroxide | Any | Note 3,8 | F-6,9 | C-4 | H-4,9,12,13 | G-5,10 |
| Calcium Hydroxide | 5% | 150 | F-1,2,9,17 | C-2 | H-4,9,12 | G,5,10 |
| Calcium Hypochlorite | Any | Note 3,8 | F-5,9 | C-4,5 | H-4,9,12 | G-5,6,9,10,11 |
| Calcium Nitrate | Any | Note 3,8 | F-1,2,9,15,17,21 | C-1 | H-2,9,12 | G-2,3,6,10,11 |
| Calcium Phosphate | | | F-9 | | H-9 | |
| Calcium Sulfate | | | F-9 | C-2,5 | H-2,9,10 | G-2,3,5,7,9 |
| Calcium Sulfide | | | F-9 | C-2 | H-9 | G-5,7,9 |
| Calgonite | | | F-9 | | H-9 | |
| Cane Sugar | Any | Note 2 | F-1,2,3,9 | C-1,2 | H-2,4 | G-5,7 |
| Caprolactam | 100% | 160 | F-7 | C-2 | H-2 | G-5 |
| Carbolic Acid | | | See Phenol | | | |
| Carbon Dioxide (Gas) | Any | 225 | F-1,2,7,15,17,18,20 | C-1 | H-1 | G-2 |
| Carbon Dioxide/Ethylene oxide Mixture | 90/10 | Note 2 | F-1,2 | C-2 | H-2 | G-5,13 |
| Carbon Disulfide | | Note 3,8 | F-1,2,15,20,21 | C-2 | H-2,4,9,12 | G-5,9 |
| Carbon Monoxide | | Note 2,3 | F-1,2 | C-1 | H-1 | G-2 |
| Carbon Monoxide | | 180 | F-1,2,7,9,15 | C-1 | H-1 | G-2 |
| Carbon Tetrachloride (Dry) | | Note 2 | F-1,2,6,15,18 | C-1 | H-1 | G-4,5,9 |
| Carbon Tetrachloride (Wet) | | Note 2 | F-1,2,6,15 | C-2 | H-13,2 | G-4,5,9 |
| Carbonated Water | | 100 | F-1,2,6,9 | C-2 | H-2,4,9,13 | G-2,3,5,6,9,10,13 |
| Carbonic Acid | Any | 100 | F-1,2,6,7,9,21 | C-2 | H-2,4,9,12,13 | G-5,9,13 |
| Cascade (1%) | | | F-9 | | H-9 | |
| Casein | | | F-9 | C-2 | H-9 | G-2,5,7,9 |
| Castor Oil | | Note 2,8 | F-1,2,9,19 | C-1,2 | H-2,9,12 | G-2,3,9,11 |
| Caustic Potash | | | See Potassium Hydroxide | | | |
| Caustic Soda | | | See Sodium Hydroxide | | | |
| Cellosolve | | | F-9,20 | C-1,2,4 | H-9 | G-5,9 |
| Cetyl Alcohol | | | F-5,6,9 | | H-9,13 | G-5 |

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| Chloracetic Acid | 70 | F-9 | C-2 | H-9 | G-5 |
| Chlorinated Hydrocarbons | Note 2 | F-1,2,10 | C-1 | H-1 | G-1,4,5,9 |
| Chlorinated Paraffin | Note 2 | F-1,2 | C-1 | H-1 | G-1,4,5,9 |
| Chlorine Gas (Dry) | Any Note 3 | F-5,7,15 | C-4,5,6 | H-4 | G-5,9 |
| Chlorine Gas (Wet) | Any Note 3 | F-5,7,15 | C-5 | | G-1,5,9 |
| Chlorine Water | Any Note 3 | F-5,7,15 | C-4,5 | | G-1,3,5,9 |
| Chlorobenzene | 200 | F-1,2,5,6,7,15,19 | C-2 | H-2,4,13 | G-5,9 |
| Chloroform | Any | F-1,2,6,15,18,19 | C-1 | H-1,13 | G-1,4,5,9 |
| Chlorophane | | F-1,2 | C-1 | H-1 | G-1,4,5,9 |
| Chocolate Syrup | | F-9 | | H-9 | |
| Chlorosulfonic Acid | 100 | | C-2 | H-4 | G-5 |
| Chrome Alum | | F-9 | | H-9 | |
| Chromic Acid | 10% | F-7,9,15,20,21 | C-6 | H-4,9,12 | G-5,9 |
| Chromic Acid | Any | F-7,9 | C-6 | H-4 | G-5,9 |
| Chromic Sulfate | Any | F-7,9,15 | C-4 | H-4,12 | G-5 |
| Cider | | F-1,9 | C-4 | H-9 | G-2,3,6,9,10,13 |
| Citric Acid | Any Note 3,8,11 | F-1,2,9,17,18,19,21 | C-2 | H-2,9,12 | G-1,2,3,6,7,10,13 |
| Cobalt Carbonate | 10% | F-2 | C-2 | H-1 | G-5 |
| Coconut Oil | Note 2 | F-1,2,10,19 | C-1,2 | H-1,2 | G-2,6,7,12 |
| Cod Liver Oil | | F-9 | | H-9 | |
| Code Oven Gas | | F-9 | | H-9 | |
| Corn Oil | Note 2 | F-1,2,9 | C-1,2 | H-1,2 | G-2,6,7,12 |
| Cotton Seed Oil | Note 2 | F-1,2,6,9,10,18,20,21 | C-1,2 | H-1,2 | G-2,6,7,12,13 |
| Lard | Note 2 | F-1,2,9,10 | C-1,2 | H-1,2 | G-2,6,7,12 |
| Peanut Oil | Note 2 | F-1,2,9,10 | C-1,2 | H-1,2 | G-2,6,7,12 |
| Soybean Oil | Note 2 | F-1,2,9,10 | C-1,2 | H-1,2 | G-2,6,7,12 |
| Coffee Extract | 70 | F-1,6,9,15 | C-2 | H-2,4,13 | G-2,3,5,6,13 |
| Cola Syrup | 70 | F-1,9 | C-2 | H-2,4,9 | G-5 |
| Copper Ammonium Acetate | Note 3 | F-9 | C-2 | H-4 | G-5,6 |
| Copper Chloride | | F-9 | | H-9 | |
| Copper Cyanide | | F-9 | | H-9 | |
| Copper Fluoride | | F-9 | | H-9 | |
| Copper Nitrate | | F-9 | | H-9 | |
| Copper Sulfate | Any Note 3,8 | F-5,9,15 | C-2,4 | H-2,4,9,12 | G-1,2,3,9,10,11 |
| Corn Syrup | Any Note 2 | F-1,2 | C-2 | H-2 | G-5,7 |
| Cresol, Cresylic Acid | Note 3 | F-1,2 | C-2 | H-4 | G-1,5,9 |
| Cuprous Chloride | | F-9 | | H-9 | |
| Cyclohexanol | | F-9,18 | | H-9 | G-10 |
| Cyclohexanone | 70 | F-1,2 | C-2 | | G-5 |
| Decalin | | F-9 | | H-9 | |
| Detergents | | F-1,2,17 | C-1 | H-1 | G-1,5,6,10 |
| Dextrin | | F-9 | | H-9 | |
| Dextrose | | F-1,2,9 | C-1,2 | H-1,2,4,9 | G-2,3,5,6,10,13 |
| Diazo Salts | | F-9 | | H-9 | |
| Diacetone Alcohol | | F-1,2,17 | C-1 | H-1 | G-1,5,6,10 |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | Temp. F | Filter Media | Container | Core | Gasket |
|--------------------------|------------|---------------------------|----------------------------|------------|-------------------|
| Dibromocholopropane | | F-9 | C-1 W/Water C-2W/OWater | H-1 | G-2,5,10 |
| Dibutyl Phthalate | Any | F-1,2 | C-1 | H-9,12 | G-1,4,5,9 |
| Dibutyl Phthalate | Any | F-9 | C-1 | H-9,12 | G-1,4,5,9 |
| Dichloroethylene | Note 11 | F-1,2,6,9,19 | C-1 | H-1,13 | G,1,4 |
| Diethanolamine | Note 3 | F-1,2,6,9,15,20,21 | C-1 | H-1,13 | G-2,3 |
| Diethylene Glycol | Note 2 | F-1,2,9,17,18,21 | C-1 | H-1 | G-1,2,3,6,9 |
| Diglycolic Acid | | F-9 | | H-9 | |
| Diisooctyl Phthalate | | F-9 | | H-9 | |
| Dimethyl Fluoride | Note 2 | F-5 | C-4,5 | H-4 | G-5 |
| Dimethyl Formamide | 100% | F-7,9,18,21 | C-2 | H-2,4,9,12 | G-4,5 |
| Dimethyl Formamide | 50% | F-7,9,18,21 | C-2 | H-2,4,9,12 | G-4,5 |
| Dimethyl Phthalate | Any | F-1,2,17,19 | C-1 | H-1 | G-5,6,9,10 |
| Dimethyl Terephthalate | Any | F-7 | C-2 | H-2,4 | G-5 |
| Diphenyl Oxide | 70 | F-2,9 | C-1,2 | H-1,2,4,9 | G-5,9 |
| Diocetyl Phthalate | 100% | F-1,2,9,15 | C-1 | H-1 | G-6,9,10 |
| Dioxane | 100% | F-15 | C-2 | H-2,4 | G-5,6,10 |
| Emulsifiers | | F-9 | | H-9 | |
| Epichlorohydrin | Note 2 | F-1,2,17 | C-4 | H-4 | G-5,6,10 |
| Ethanolamine | 70 | F-1,9 | C-1,2 | H-1,2,4,9 | G-5 |
| Ether | | F-1,2,9,15,17,19 | C-1,2 | H-2,9,12 | G-1,5 |
| Ethyl Acefate | 150 | F-1,2,9,15,17,18,19 | C-1 | H-2,4,9,12 | G-1,4,5,6,10 |
| Ethyl Acrylate | 70 | F-2 | C-2 | H-4 | G-1,5 |
| Ethyl Alcohol | | F-1,2,9,15,17,18,19,21 | C-1,2 | H-1,2,9,12 | G-1,2,3,6,7,10,13 |
| Ethyl Cellulose | 70 | F-9,20 | C-1,2 | H-2,4,9 | G-5 |
| Ethyl Chloride | Note 3 | F-1,2 | C-2,5 | H-1,2,4 | G-2,3,6,9,10 |
| Ethyl Ether | | F-1,2,9,15,17,18,19,20,21 | C-1,2 | H-2,9,12 | G-1,5 |
| 2 Ethylhexyl Acrylate | 70 | F-2 | C-2 | H-4 | G-1,5 |
| Ethylene | Liquid Gas | F-1,2 | C-2 | H-2,4 | G-1,5,8 |
| Ethylene Amine | | F-9 | | H-9 | |
| Ethylenediamine | 100% | F-1,2,9,17 | C-1,2 | H-2,9,12 | G-2,3,5,6,10 |
| Ethylene Dichloride | | F-1,2,18,20,21 | C-1,2 | H-2,4,9,12 | G-5,9 |
| Ethylene Glycol | Any | F-1,2,9,13,18,19,20,21 | C-1 | H-1,13 | G-1,2,3,4,5,6 |
| Ethylene Oxide | 100% | F-1,2,17,18,19 | C-2 | H-2,4 | G-1,5 |
| Fatty Acids | Any | F-1,2,5,9,15,17 | C-2,5 | H-2,4,9,12 | G-2,5,9 |
| Ferric Ammonium Sulfate | Any | F-9,15 | C-4,5 | H-9,12 | G,2,3 |
| Ferric Chloride | 25% | F-5,7,9,15 | C-4,5 | H-9,12 | G-1,2,5,6,9,10 |
| Ferric Chloride | 70% | F- 5,7,9,15,18,20,21 | C-4,5 | H-9,12 | G-2,5,6,9,10 |
| Ferric Nitrate | Any | F-9,15 | C-2 | H-2,4,9,12 | G-2,3,5,6,9,10 |
| Ferric Potassium Sulfate | Any | F-7,15 | C-4,5 | H-4 | G-2,3,5 |
| Ferric Sulfate | Any | F-7,15,18,21 | C-4,5 | H-4 | G-2,3,5 |
| Ferrous Chloride | 70 | F-6,9,15 | | H-9,13 | |
| Firquel | | F-2,10 | C-1 | H-1 | G-5,6,9,10 |
| Fish Oils | 70 | F-1,9 | C-2 | H-1,2,4,9 | G-2,5,6 |
| Floor Wax | | F-9 | | H-9 | |
| Fluoroboric Acid | | F-9 | | H-9 | |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | Temp. F | Filter Media | Container | Core | Gasket | |
|----------------------------------|---------|--------------|-------------------------|-------|--------------|-----------------|
| Fluosilic Acid | | 70 | F-1,9, | C-2 | H-9 | G-5,6 |
| Formaldehyde | 10% | 70 | F-7,9,15,20 | C-2,4 | H-2,4,9,12 | G-2,3,5,6,10 |
| Formalin | 40% | | F-1,9 | C-2 | H-2,4,9 | G-5 |
| Formic Acid | Any | Note 2,8 | F-5,7,9,15,18,20,21 | C-2,6 | H-4,9,12 | G-2,3,5,13 |
| Freon 11 | Any | Note 3,8 | F-1,2,15,18,20,21 | C-2 | H-1,2,4 | G-9,11 |
| Freon 12 | Any | Note 3,8 | F-1,2,15,18,19,20,21 | C-2 | H-1,2,4 | G-2,3,9,11 |
| Freon 22 | Any | Note 3,8 | F-1,2,15,18,19,20,21 | C-2 | H-1,2,4 | G-1,2,3,5,6,10 |
| Freon Ethylene Oxide Mixture | 12/88 | -30 | F-1,2,20,21 | C-2 | H-2 | G-5 |
| Fructose | | | F-9 | | H-9 | |
| Fruit Juices | | 70 | F-1,9 | C-2 | H-9 | G-2,3,5,6,9,13 |
| Fuel Oils | | | F-1,2,6,7,15,17,19 | C-1,2 | H-1,2,9 | G-2,3,4,5,9 |
| Furfural | Any | | F-2,9,19 | C-1 | H-1 | G-5 |
| Galic Acid | | | F-9 | | H-9 | |
| Gas, Mfg., Natural | | | F-1,2,17 | C-1 | H-1,3 | G-1,2,3,4 |
| Gear Box Oil | | | F-9 | | H-9 | |
| Gelatin | Any | Note 2,8 | F-1,2,3,15,17 | C-2 | H-2,4 | G-2,3,7,9,10 |
| Glucose | | | F-9 | | H-9 | |
| Glue | | | F-9 | | H-9 | |
| Glycerin | 100% | Note 2,8 | F-1,2,13,17,18,21 | C-1,2 | H-1,2,4 | G-1,2,3,7,13 |
| Glycol | | | F-6,9 | | H-9,13 | |
| Glycol Monoether | | 70 | F-1,9 | C-2 | H-2,4,9 | G-2,3,5,9,10 |
| Glycol Solvents | | Note 2,3 | F-1,2,9 | C-1 | H-1 | G-1,5,9 |
| Glycolic Acid | | | F-9 | | H-9 | |
| Green Soap Solution | | 70 | F-9 | | H-9 | G-5,6,9,10 |
| Green Sulfate Liquors | | | F-9 | | H-9 | G-5,6,9,10 |
| Gum Arabic | Any | Note 3 | F-1,2 | C-2 | H-2 | G-3,4,5 |
| Helium Gas | | | F-1,2,17,18,19,21 | C-1 | H-1 | G-2,3,6,9,10,13 |
| Heptane | | | F-1,2,17,18,21 | C-1 | H-1 | G-2,9,13 |
| Hexadecyl Alcohol | | | F-9 | | H-9 | |
| Hexane | | | F-1,2,6,7,9,15,18,20,21 | C-1,2 | H-1,2,4,9,13 | G-2,3,5 |
| Hexanol Tertiary | | | F-9 | | H-9 | |
| Honey | | | F-2 | C-2 | H-2,4 | G-2,3,5,9,10 |
| Hydraulic Oils (Phosphate Ester) | | Note 2 | F-1,2,6,10,11,18,20,21 | C-1 | H-2,13 | G-2,6,9,13 |
| Hydraulic Oils (Skydrol 500) | | Note 2 | F-1,2,10,17,18,20,21 | C-1 | H-1 | G-6,10 |
| Hydrolubes | | Note 2 | F-13 | C-1 | H-1 | G-2,5,9,10 |
| Hydrazine | | | F-7,18,21 | C-2 | H-4 | G-3,5,6,9,10 |
| Hydrobromic Acid | 50% | 140 | F-9 | C-5 | H-12 | G-5 |
| Hydrochloric Acid | 20% | 150 | F-5,7,9,15 | C-4,5 | H-4,9,12 | G-1,5,9 |
| Hydrochloric Acid | 5% | 160 | F-7,9,19 | | H-9 | G,2,3,5,6,9,10 |
| Hydrochloric Acid | 35% | Note 3,8 | F-5,7,9 | C-4,5 | H-4,9,12 | G,1,5,9 |
| Hydrochloric Acid | 10% | | F-9,20,21 | | H-9 | |
| Hydrochloric Acid (Wet) | | 70 | F-7 | C-5 | H-1 | G-5 |
| Hydrocyanic Acid | Any | Note 3,8 | F-7,9,15 | C-2,5 | H-4,9,12 | G-5,6,9,10,11 |
| Hydrofluoric Acid | 48% | Note 3,8 | F-5,9 | C-4,5 | H-9,12 | G-5 |
| Hydrogen Chloride | | | F-9 | | H-9 | |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | Temp. F | Filter Media | Container | Core | Gasket |
|---|---|--|------------------------------|--|--|
| Hydrogen Cyanide Hydrogen Fluoride Hydrogen Peroxide Hydrogen Phosphide Hydrogen Sulfide(Dry) | 150 | F-9 F-9 F-7,9,20,21 F-9 F-9,15 | C-2,6 C-1,2 | H-9 H-9 H-2,4,9,12 H-9 H-1,2,12 | G-5,9 G-5,6,10 |
| Hydrogen Sulfide(Wet) Hydroquinone Hypochlorous Acid Igepal Inks | 150 Note 3,8 | F-9,15 F-1,2,9,15 F-9 F-9 F-19 | C-2 C-2 C-2 C-2 | H-4,12 H-2,4,9,12 H-9 H-9 H-1 | G-5,6,10 G-5,9 G-5 |
| Iodine Insulating Oils - Askarel Insulating Oils - Petroleum Type Isobutyl Alcohol (Isobutanol) Isopropyl Alcohol (Isopropanol) | Note 2 Note 3 150 | F-9 F-10 F-1,2,10,13 F-1,2,6,15,17,18,21 F-1,2,6,9,15,17,20,21 | C-2 C-1 C-1 C-1 | H-9 H-1 H-1 H-1,13 H-1,12,13 | G-9 G-2,9 G-1,2,3,4,9,12 G-1,3,4,5,6,9,10,11 G-1,3,4,5,6,9,10,11 |
| Isophorone Kerosene Ketchup Ketone Solvents Lacquer (Unpigmented) | 150 70 Note 2,3 | F-2 F-1,2,6,9,15,18,19,20,21 F-2,9 F-1,2 F-1,2 | C-1 C-1,2 C-1 C-1 | H-1 H-1,2,4,9,13 H-9 H-1 H-1 | G-1,5 G-2,4,5,6,9 G-2,5,6,9 G-1,5 G-1,4,5,6,12 |
| Lacquer Thinner Lactic Acid Lanolin Lard Latex | Note 3,8 Note 3,8 | F-1,2 F-5,7,9,15,19 F-9 F-1,2,6,9,15,19 F-1,2,9,17 | C-1 C-4,6 C-2 C-1 | H-1,2,4 H-4,9,12 H-9 H-1,2,4,9,13 H-1,9,12 | G-1,4,5,6,12 G-1,5,9 G-2,5,10 G-1,3,4,5 |
| Lauric Acid Lead Acetate Lestoil Lime - Sulfur Linoleic Acid | 70 100 | F-9 F-6,9,15 F-9 F-2,9 F-2,9,19 | C-4 | H-9 H-9,13 H-9 H-4,9 H-4,9 | G-3,5,6,9,10,13 G-5 |
| Linseed Oil Lithium Bromide Lithium Carbonate Lithium Chloride Lithium Hydroxide | 65% Note 2,8 200 70 200 70 | F-1,2,9,15,19 F-1,2,9,17 F-9 F-1,2,6,15 F-2,9 | C-1,2 C-1 C-1,2 C-2 | H-1,9,12 H-1 H-9 H-1,2,4,13 H-1,2,4,9 | G-1,2,3,4,5,9,11 G-3,5 G-5 G-2 G-2,5,10 |
| Liquors Liqueurs Lube Oil Lye Machine Oils Magenta Dye | | F-9 F-1,2,6,7,18,19,21 F-6,9 F-9 F-9 | C-1,2 C-2 | H-9 H-1,2,4,13 H- 2,4,9,13 H-9 H-9 | G-2,4,5,9 G-5,6,10 |
| Magnesium Cabonate Magnasium Chloride Magnesium Hydroxide Magnesium Nitrate Magnesium Sulfate | 2% 70 70 70 | F-9 F-1,2,6,9,15,19 F-1,2,9 F-9 F-1,2,9 | C-2 C-2 C-1,2 | H-9 H-4,9,13 H-4,9 H-9 H-2,4,9 | G-2,3,5,6,9,10,13 G-5,6,9,10 G-2,3,5,6,9,10,13 |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | Temp. F | Filter Media | Container | Core | Gasket | |
|--|--------------------------------------|--|---|---|--|--|
| Magnesium Sulfite Maleic Acid Malic Acid Maple Syrup Mayonnaise | 70 | F-9 F-9 F-9 F-9 F-1,2,9 | C-2 | H-9 H-9 H-9 H-9 H-4,9 | G-3,5,7,6,9,13 | |
| Melamine Resins Mercuric Chloride Mercuric Cyanide Mercury Mecurochrome | 10% 70 70 | F-1,2,9 F-1,2,9,15 F-9 F-6,9,15 F-9 | C-1,2 | H-9 H-9 H-9 H-9,15 H-9 | G-2,5,9 G-2,3,5,6,9 G-2,5,9,10 | |
| Mercurous Nitrate Methane Methyl Acrylate Methyl Alcohol Methyl Cellosolve | 70 150 Note 2,8 | F-9 F-1,2,9,15,17,21 F-2,17 F-1,2,6,9,15,17,18,19,21 F-1,2,9,17,18,21 | C-1,2 C-1 C-2 C-1 C-1,2 | H-1,2,4,9 H-1,2,9,12 H-4 H- 1,12 H-2,6,9,12 | G-2,5,10 G-1,2,3,5,9 G-1,3,5,6,10 G-1,2,3,4,6,10 G-5,6,10 | |
| Methyl Chloride Methyl Ethyl Ketone Methyl Isobutyl Carbinol Methyl Isobutyl Ketone Methylene Chloride | 150 150 150 | F-1,2,15,17 F-1,2,9,15,17,18,20,21 F-9 F-1,2,9,15,17,18,20,21 F-1,2,15,17,18 | C-2,6 C-1 C-1 C-2,6 | H-2,4 H-1,12 H-9 H-1,12 H-2,4 | G-1,5,9 G-1,4,5,6,10 G-1,4,5,6,10 G-1,5,9,10 | |
| Methyl Salicylate Methyl Sulfuric Acid Milk Mineral Oil Mineral Spirits | 70 150 | F-15 F-9 F-1,2,9 F-1,2,7,6,9,19 F-1,2,9,15,19 | C-2 C-1,2 C-2 C-1 | H-2,4 H-9 H-1,2,4,9 H-2,4,9,13 H-1,12 | G-5,6,10 G-2,3,6,9,10,13 G-2,4,5,9 G-1,4,5,6,10 | |
| Molasses Monoethanolamine Monoethanolamine Motor Oil Mustard | 35% Note 2 Note 3 200 70 | F-1,2,17 F-1,2,20,21 F-1,2 F-9 F-1,2,9 | C-1,2 C-1,2 C-1 C-1,2 C-1,2 | H-1,2 H-1,2 H-1 H-9 H-9 | G-3,4,7 G-5,6,10 G-6 G-7,5,9 | |
| Naptha Napthalene Napthalene Natural Gas Nickel Acetate | Note-2,8 70 | F-1,2,6,7,19 F-1,2,9,15 F-1,2,6,9,15,19 F-1,2,9,17 F-9 | C-1,2 C-1 C-1 C-1 | H-1,2,4,13 H-1,9,12 H-1,9,12,13 H-1,2 H-9 | G-5,9 G-4,5,9 G-4,5,9 G,2,3,5,6,9,10 | |
| Nickel Chloride Nickel Chloride Nickel Nitrate Nickel Sulfate Nickel Sulfate | Any 5% Any 5% | Note 2,8 150 F-9 F-5,7,9,15,17 F-1,2,5,7,9,15,17 | C-4,5,6 C-4,5,6 C-4,5,6 C-4,5,6 C-4,5,6 | H-4,9,12 H-4,9,12 H-9 H-4,9,12 H-4,9,12 | G-1,2,3,5,6,9,10 G-1,2,3,5,6,9,10 G-1,2,3,5,6,9,10 G-1,2,3,5,6,9,10 G-1,2,3,5,6,9,10 | |
| Nicotine Nictonic Acid Nitric Acid Nitric Acid Nitric Acid | 10% 10% 20% | 70 200 215 | F-9 F-9 F-7,9,15 F-9,19 F-7 | C-2 C-2 C-2 | H-9 H-9 H-2,4 H-2,4 H-2,4 | G-5,9,10 G-5,9,10 G-5,9,10 G-5,9,10 |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | | Temp. F | Filter Media | Container | Core | Gasket |
|------------------------|-----|-----------|-----------------|-----------|------------|---------------------|
| Photographic Solutions | | Operating | F-1,2 | C-2,4 | H-4,9,12 | G-2,3 |
| Ferric Cyanide Bleach | | Operating | F-1,2,17, | C-2,4 | H-4,9,12 | G-2,3 |
| Acid Stop Bath | | Operating | F-1,2,17, | C-2,4 | H-4,9,12 | G-2,3 |
| Developer | | Operating | F-1,2,17, | C-2,4 | H-4,9,12 | G-2,3 |
| Fixer | | Operating | F-1,2,17, | C-2,4 | H-4,9,12 | G-2,3 |
| Rinse Water | | | F-3,17 | C-2 | H-2,4,9,12 | G-2,3 |
| Pickling Brine (Food) | | Note 2 | F-1,2,17 | C-2 | H-4 | G-7 |
| Pine oil | | 70 | F-1,2,6,9,15,19 | C-2 | H-2,4,9,13 | G-2,5,9 |
| Phthalic Acid | | | F-9 | | H-9 | |
| Picric Acid | | | F-9 | | H-9 | |
| Palting Solutions | | | | | | |
| Arsenic | | 150 | F-1,2,9,17 | C-1 | H-12 | G-1,5,6,10,11 |
| Brass Cyanide | | 150 | F-1,2,9,17 | C-1 | H-12 | G-1,5,6,10,11 |
| Bronze Cyanide | | 80 | F-1,2,9,15,17 | C-1 | H-9,12 | G-1,5,6,10,11 |
| Cadmium Cyanide | | 100 | F-1,2,9,15,17 | C-1 | H-9,12 | G-5,6,10,11 |
| Cadmium Fluoroborate | | 100 | F-9 | C-4 | H-4,9,12 | G-8 |
| Chrome | | 145 | F-5,9 | C-6 | H-4,12 | G-5,9 |
| Copper-Acid | | 120 | F-9 | C-4 | H-4,9,12 | G-8 |
| Copper-Fluoroborate | | 170 | F-9 | | | |
| Copper-Cyanide | | 100 | F-1,2,9,17 | C-1 | H-9,12 | G-5,6,10,11 |
| Gold Cyanide | | 160 | F-1,2,9,15,17 | C-2 | H-9,12 | G-1,5,6,10,11 |
| Gold Fluoroborate | | 150 | F-9 | C-4 | H-4,12 | G-8 |
| Indium Alkaline | | 80 | F-2,9 | C-1,2,6 | H-4,12 | G-1,5,6,10,11 |
| indium Fluoroborate | | 80 | F-9 | C-4 | H-4,9,12 | G-8 |
| Platinum | | 205 | F-2,9 | C-2 | H-4 | G-8 |
| Potassium Bromide | Any | 150 | F-9,15 | C-6 | H-12 | G-5,9, |
| Potassium Carbonate | 10 | 180 | F-1,2,9,15,17 | C-1,2 | H-2,4,12 | G-1,2,3,5,6,9,10,11 |
| Potassium Chloride | Any | Note 2,8 | F-1,2,9,15,17 | C-2,6 | H- 4,9,12 | G-1,2,3,4,5,6 |
| Potassium Chromate | Any | Note 3,8 | F-7 | C-2,4 | H-4 | G-2,3,5 |
| Potassium Cyanide | Any | 200 | F-2,6,9,15 | C-1,2,6 | H-4 | G-1,2,3,5,6,9,10,11 |
| Potassium Dichromate | Any | 200 | F-9,15 | C-1 | H-2,4 | G-3,6 |
| Potassium Ferricyanide | | Note 3,8 | F-1,2,9,15 | C-2 | H-4,9,12 | G-5,9 |
| Potassium Ferrocyanide | Any | 200 | F-9,15 | C-2 | H-4 | G-5,9 |
| Potassium Hydroxide | Any | 100 | F-9 | C-1,2 | H-2,4,9,12 | G-1,5,6,10,11 |
| Potassium Hydroxide | An | 235 | F-6 | C-1,2 | H-2,4 | G-1,5,6,10,11 |
| Potassium Iodide | | | F-9 | | H-9 | |
| Potassium Nitrate | | | F-9 | | H-9 | |
| Potassium Perborate | | | F-9 | | H-9 | |
| Potassium Perchlorate | | | F-9 | | H-9 | |
| Potassium Permanganate | 5% | 70 | F-1,3,9,15 | C-2 | H-1,2,9,12 | G-5,9 |
| Potassium Permanganate | 20% | | F-9 | | H-9 | |
| Potassium Persulfate | | | F-9 | | H-9 | |
| Potassium Sulfate | 5% | 70 | F-1,2,6,9,15 | C-1,2 | H-2,4,9,13 | G-2,3,5,9,10 |
| Potassium Sulfide | | | F-9 | | H-9 | |
| Potassium Sulfite | | | F-9 | | H-9 | |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | Temp. F | Filter Media | Container | Core | Gasket |
|-------------------------------|------------|------------------------------|-----------|-------------|---------------------|
| Potassium Thiocyanate | | F-1,2,15 | C-2 | H-4 | G-1,2,5 |
| Primol D | | F-9 | | H-9 | |
| Propane | | F-1,2,15,19 | C-1 | H-1,2,9 | G-1,2,3,4,5 |
| Propargyl Alcohol | | F-18 | | | G-2,3,9,10,13 |
| Propionic Acid | 70 | F-1,2,6,9,15 | C-2 | H-4,9,13 | G-5 |
| Propyl Alcohol (Propanol) | 150 | F-1,2,6,9,15,17,21 | C-1 | H-1,9,13 | G-1,2,3,4,6,10 |
| Propylene Carbonate | 70 | F-1,2 | C-1 | H-1 | G-5 |
| Propylene Dichloride | | F-18,20 | | | G-9 |
| Propylene Glycol | 70 | F-1,2,6,9,18,20,21 | C-2 | H-4,9,13 | G-2,5,9,10,13 |
| Propylene Oxide | 100% 50 | F-1,2 | C-2 | H-2,4 | G-5 |
| Pyridine | 100% 70 | F-9,15 | C-2 | H-2,4 | G-6,10 |
| Resins | | F-19 | C-1 | H-1 | G-5 |
| Rhodium Acid | 150 | F-9,15 | C-4 | H-4,9,12 | G-8 |
| Rice Bran Oil | | F-9 | | H-9 | |
| Rosin, Light | | F-9 | | H-9 | |
| Rum | | F-1,2,17 | C-2 | H-2 | G-2,3,7 |
| Salt Water | Note 2,8 | F-1,2,3,6,7,9,15,17,19,20,21 | C-4 | H-4,9,12,13 | G-1,2,3,5,6,9,10,13 |
| Salenic Acid | | F-9 | | H-9 | |
| Salicylic Acid | | F-9 | | H-9 | |
| Shampoo | | F-9 | | H-9 | |
| Shave Lotion | Note 2,8 | F-1,2,9,15,17 | C-1,2 | H-1,2,9,12 | G-3,4,7 |
| Shellac | 70 | F-1,2,9 | C-1,2 | H-2,4,9 | G-2,3,5,10 |
| Shoe Polish | | F-9 | | H-9 | |
| Silicone Oil | | F-9 | | H-9 | |
| Silver Cyanide | | F-9 | | H-9 | |
| Silver Nitrate | 30% | F-7,9 | C-2 | H-2,4 | G-3,5,7,9,10,11 |
| Silver Nitrate | Any | F-7,9,15 | C-2 | H-2,4,9,12 | G-3,5,7,9,10,11 |
| Soda Ash | 70 | F-1,2,5,6,9,15,19 | C-2 | H-2,4,9,12 | G-2,3,5,6,9,10,13 |
| Soap Solution (Concentrated) | | F-9 | | H-9 | |
| Sodium Acetate | 70 | F-1,2,5,9,15 | C-1,2 | H-2,4,9 | G-4,5,10 |
| Sodium Benzoate | | F-9 | | H-9 | |
| Sodium Bicarbonate | Any | F-1,2,9,15,17 | C-1,2 | H-2,5,9,12 | G-1,2,3,5,6,10,11 |
| Sodium Bisulfate | 70 | F-9,15 | C-2 | H-9 | G-2,3,5,6,9,10,13 |
| Sodium Bisulfite | 70 | F-9,15 | C-2 | H-9 | G-2,3,5,6,9,10,13 |
| Sodium Borate | 70 | F-1,2,9 | C-2 | H-2,4,9 | G-2,3,5,6,9,10,13 |
| Sodium Bromide | 125 | F-1,2,5,9,15 | C-2,6 | H-4,12 | G-5,9 |
| Sodium Carbonate | Any | F-1,2,9,17 | C-1,2 | H-2,4,9,12 | G-1,2,3,5,6,9,10,11 |
| Sodium Carbonate | 10% | F-1,2,15,17 | C-1,2 | H-2,4,12 | G-1,2,3,5,6,9,10,11 |
| Sodium Chlorate | Any | F-7 | C-2 | H-2 | G-5,9 |
| Sodium Chloride | Any | F-1,2,9,15,17 | C-2,6 | H-4,9,12 | G-1,2,3,5,6,9,10,11 |
| Sodium Chlorite | 2% | F-9 | | H-9 | |
| Sodium Chlorite | 5% | F-9 | | H-9 | |
| Sodium Chlorite | 10% | F-9 | | H-9 | |
| Sodium Chlorite | 20% | F-9 | | H-9 | |
| Sodium Cyanide | 200 | F-2,6,9,15,17 | C-1,2,6 | H-1,4 | G-1,2,3,6,10,11 |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | Temp. F | Filter Media | Container | Core | Gasket | |
|----------------------|---------|--------------|---------------------------|------------|-----------------|----------------------|
| Sodium Dichromate | | F-9 | | H-9 | | |
| Sodium Ferricyanide | | F-9 | | H-9 | | |
| Sodium Ferrocyanide | | F-9 | | H-9 | | |
| Sodium Fluoride | Any | F-9,15 | C-2 | H-4,9,12 | G-5,9 | |
| Sodium Hydrosulfide | 45% | F-9 | C-2 | H-9 | G-5,9 | |
| Sodium Hydroxide | Any | F-9 | C-1,2 | H-2,4,9,12 | G-1,3,5,6,10,11 | |
| Sodium Hydroxide | Any | F-6 | C-1,2 | H-2,4,13 | G-1,3,5,6,10,11 | |
| Sodium Hydroxide | 1% | 70 | F-6,9,15 | C-1,2 | H-2,4,9,12,13 | G-1,3,5,6,10,11 |
| Sodium Hypochlorite | 10% | 200 | F-5,9 | C,4,5 | H-4 | G-5,9 |
| Sodium Hypochlorite | Any | 140 | F-9 | C-4,5 | H-12 | G-5,9 |
| Sodium Hypochlorite | 1/2% | 200 | F-2,9 | C-2 | H-2,9 | G-5,9 |
| Sodium Metaphosphate | | F-9 | | H-9 | | |
| Sodium Nitrate | Any | Note 2,8 | F-1,2,9,15,17 | C-1,2 | H-4,9,12 | G-6,10,11 |
| Sodium Perborate | 1% | 160 | F-1,2,3,9,15,17 | C-2 | H-2,12 | G-6,9,10 |
| Sodium Phophate | | 70 | F-1,2,6,9,15 | C-2 | H-2,4,9,13 | G-2,5,6,9,10 |
| Sodium Polysulfide | | | C-2 | H-2,4 | G-5 | |
| Sodium Silicate | Any | Note 2,8 | F-1,2,9,17 | C-1 | H-1,9,12 | G-1,2,3,4,9,10,11 |
| Sodium Sulfate | Any | Note 2,8 | F-1,2,9,15,17 | C-2 | H-2,4,9,12 | G-2,3,6,9,10,11 |
| Sodium Sulfide | 40% | 140 | F-1,2,9,17 | C-2 | H-4 | G-2,3,5,6,9,10 |
| Sodium Sulfide | Any | Note 2 | F-5 | C-2 | H-4 | G-2,3,5,6,9,10 |
| Sodium Sulfite | | | F-9 | | H-9 | |
| Sodium Thiocyanate | | Note 2,8 | F-1,2,9 | C-1,5 | H-9,12 | G-5 |
| Sodium Thiocyanate | Any | 70 | F-1,2,9,15 | C-1,5 | H-9,12 | G-5 |
| Sodium Thiosulfate | Any | Note 2,8 | F-1,2,9,17 | C-2 | H-4,9,12 | G-1,2,3,5,6,9,10 |
| Stannic Chloride | 5% | 70 | F-1,2,5,6,7,9,15 | C-4 | H-9,13 | G-2,5,6,9,10 |
| Stannous Chloride | 5% | 70 | F-1,2,6,9,15 | C-1 | H-4,9,13 | G-2,3,5,6,9,10 |
| Starch | | 70 | F-1,2,9,15,19 | C-2,4 | H-4,9 | G-2,3,5,6,9,10 |
| Steam | | 220 | F-2,5,6 | C-1,2 | H-2,4 | G-1,5,9 |
| Steam | | 200 | F-2,5,6,19 | C-1,2 | H-2,4 | G-1,5,9 |
| Steam | | 275 | F-5,6 | C-1,2 | H-2,4 | G-1,5,9 |
| Stearates | | 200 | F-1,2,6,9,19 | C-1,2 | H-1,2,4,9 | G-1,5,6,9,10,13 |
| Stearic Acid | Any | 200 | F-1,2,9,15,17,18,19,20,21 | C-2 | H-2,4 | G-1,2,3,5,6,10,11,13 |
| Stoddard Solvents | | 70 | F-1,2,6,9,15,18,19,20 | | H-9,13 | G-2,5,9 |
| Styrene | | | F-2,15 | C-2 | H-4 | G-5,9 |
| Sugar Solutions | Any | Note 2 | F-1,2,9,17 | C-2 | H-2,4 | G-7 |
| Sucrose | | | F-9 | | H-9 | |
| Succinic Acid | | | F-9 | | H-9 | |
| Sulfamic Acid | | | F-9 | | H-9 | |
| Sulfate Liquors | | 70 | F-9 | | H-9 | |
| Sulfur Chlorite | | 70 | F-9 | C-2 | H-9 | G-5,9 |
| Sulfur Dioxide (Wet) | | | F-7,9,15 | C-2 | H-4,9,12 | G-5,6,10 |
| Sulfur Dioxide (Dry) | | | F-5,7,9,19 | C-2 | H-4,9,12 | G-5,6,10 |
| Sulfuric Acid | 10% | 70 | F-5,7,9,15,19,20,21 | C-4,5,6 | H-4,9,12 | G-1,5,9 |
| Sulfuric Acid | 35% | Note 3,8 | F-5,7,9,15 | C-4,5,6 | H-4,9,12 | G-1,5,9 |
| Sulfuric Acid | 60% | Note 3,8 | F-5,7,9,15 | C-4,5,6 | H-4,9,12 | G-1,5,9 |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | Temp. F | Filter Media | Container | Core | Gasket |
|--|------------|------------------------|-----------|------------|-------------------|
| Sulfuric Acid 70% | Note 3,8 | F-7,9,15 | C-4,5,6 | H-4,9,12 | G-1,5,9 |
| Sulfuric Acid 90+% | Note 3,8 | F-7 | C-4,5,6 | H-4 | G-1,5,9 |
| Sulfuric Acid Fuming | Note 3 | F-7 | C-4,5,6 | H-4 | G-1,5,9 |
| Sulfurous Acid 5% | 100 | F-1,2,19 | C-5,6 | H-4 | G-1,5,9 |
| Sulfurous Acid Any | 200 | F-5,7,9 | C-5,6 | H-4 | G-1,5,9 |
| Tallow Acid | 70 | F-9,19 | | H-9 | |
| Tannic Acid Any | 100 | F-1,2,9,15,17,19 | C-2 | H-2,4,9,12 | G-1,2,5,6,9,10 |
| Tannic Acid Any | Note 2,8 | F-7 | C-2 | H-2,4 | G-1,2,5,6,9,10 |
| Tartaric Acid | | F-7,9 | C-2 | H-4,9 | G-2,5,9,13 |
| Tea | | F-9 | | H-9 | |
| Tetrachlorethylene (Dry) | 200 | F-1,2,6,7,19 | C-1,2 | H-1,2,4,13 | G-4,5,9 |
| Tetrachlorethane | 70 | F-1,2,6,7,9,15,19 | C-2 | H-2,4,13 | G-9 |
| Tetrathydrofuran | | F-1,2 | C-1 | H-1 | G-9 |
| Tin Acid | 150 | F-9 | C-4 | H-4,9,12 | G-8 |
| Tin Alkaline | 190 | F-6,9 | C-1 | H-4,13 | G-1,5,6,10,11 |
| Tin Fluoroborate | 100 | F-9 | C-4 | H-4,9,12 | G-8 |
| Toluene Any | 200 | F-1,2,5,6,7,18,19 | C-1 | H-1 | G-1,4,5,9 |
| Toluene Dilsocyanate | Note 3 | F-1,2 | C-2,5 | H-4 | G-5 |
| Tomato Juice | | F-9 | | H-9 | |
| Transformer Oil | | F-9 | | H-9 | |
| Trichloracetic Acid | | F-9 | | H-9 | |
| Trichlorethane Any | | F-1,2,5,7,15 | C-1 | H-1 | G-1,4,5,9 |
| Trichloroethylene | | F-1,2,6,12,13,15,18,19 | C-1 | H-1,13 | G-1,4,5,9 |
| Triethanolamine | 140 | F-1,2,9,15 | C-1,2 | H-1,2 | G-1,3,5,10,11 |
| Trisodium Phosphate | 70 | F-1,2,6,9,15,19 | C-1,2 | H-2,4,9,13 | G-2,3,5,9,10 |
| Tung Oil | 70 | F-9 | C-1,2 | H-2,4,9 | G-2,5,10 |
| Turpentine | Note 2,8 | F-1,2,9,15,19 | C-1 | H-1,9,12 | G-1,2,4,5,9 |
| Ultrasonic Cleaning Solution | | F-2 | C-2 | H-4,9,12 | G-8 |
| Urea Any | 200 | F-15 | C-2 | | G-5 |
| Urea - Formaldehyde Resins | Note 3 | F-1,2,9 | C-1 | H-1 | G-1,4,5 |
| Urine | | F-9 | | H-9 | |
| Vanila Extract | Note 2 | F-1,2 | C-2 | H-1,2,4 | G-5,7 |
| Varnish | Note 2 | F-1,2,15,19 | C-1 | H-1 | G-1,4,5 |
| Varsal | | F-21 | | | G-2,3,9,10,13 |
| Vaseline | | F-9 | | H-9 | |
| Vinegar | 100 | F-1,2,9,17 | C-1 | H-2 | G-1,3,5,6,9,10,11 |
| Vinyl Acetate | | F-2 | C-2 | H-4 | G-1,5 |
| Vinyl Chloride | | F-7 (Must be Dry) | C-2 | H-4 | G-5 |
| Water -Deionized, Demineralized, Distilled | 100 | F-3,6,9,15,17,20,21 | C-2 | H-2,4,13 | G-1,2,5,6,7 |
| Water - Drinking | Note 5 | F-3,9,17,20,21 | C-2,7 | H-2,4,9 | G-7 |
| Water - Industrial | Note 2,5,8 | F-3,6,7,9,15,17 | C-1,2 | H-9,12,13 | G-1,2,3,6,10,11 |
| Wax Crayon | | F-9 | | H-9 | |
| Wax Emulsions | Note 2 | F-1,2,17 | C-1 | H-1 | G-1,4 |
| Wheat Germ Oil | | F-9 | | H-9 | |
| Whiskey And Wines | | F-1,9,17 | C-2 | H-2,4,10 | G-7 |

Chemical Compatibilities - Filter Media, Vessel Housing & Gasket Materials

| Filter Media: | Container Material: | Core Material & Band Ring for Bags: | Gasket Material: |
|---|---|--|---|
| F-1 - Rayon F-2 - Cotton F-3 - Acetate F-5 - Orlon (Acrylic) F-6 - Nylon F-7 - Glass Fiber F-9 - Polypropylene F-10 - Cranite (Fullers Earth) F-11 - Rayon Cellulose F-12 - Cotton Waste & Excelsior F-13 - Phenolic Resin Pleated Paper (718 size) F-15 - Polyester F-17 - Phenolic Resin Pleated (2 1/2" Dia.) F-18 - PCC F-19 - RBC F-20 - Polymate F-21 - Advantage | C-1 - Steel C-2 - Stainless Steel C-4 - Rubber Lined C-5 - Special (Kynar, PVC, Fluoroshield, etc.) C-6 - Carpernter 20 C-7 - Plastic C-8 - Fiberglass Reinforced Plastic | H-1 - Tinned Steel H-2 - 304Stainless Steel H-4 - 316 Stainless Steel H-9 - Polypropylene H-10 - Passivated 316 Stainless Steel H-12 - Glass Filled Polypropylene H-13 - Nylon | G-1 - Asbestos Substitute G-2 - Buna N G-3 - Neoprene G-4 - Plant Fiber G-5 - Teflon G-6 - Butyl Rubber G-7 - Buna N FDA (Tasteless,Odorless, Non-Toxic) G-8 - Natural Rubber G-9 - Viton G-10 - EthylenePropylene (EPM, EPR & EPDM) G-11 - Hypalon G-12 - Cork G-13 - Silicone |

| % Concentration | | Temp. F | Filter Media | Container | Core | Gasket |
|---------------------|-----|----------|--------------------------|-----------|-------------|-------------------|
| White Paraffin | | | F-9 | | H-9 | |
| Xylene (Xylol) | Any | 70 | F-1,2,5,6,7,15,18,19 | C-1 | H-1 | G-1,4,5,9 |
| Xylene (Xylol) | Any | 200 | F-1,2,5,6,7,18,19 | C-1 | H-1 | G-1,4,5,9 |
| Yeast | | | F-9 | | H-9 | |
| Zinc Acid | | 150 | F-1,2,9,15 | C-4 | H-4,9,12 | G-8 |
| Zinc Bromide | 3% | 210 | F-1,2,5,7 | C-2,4 | H-4 | G-1,2,3,6,9,10,11 |
| Zinc Bromide | Any | Note 3,8 | F-5,7,9 | C-2 | H-4,9,12 | G-1,2,3,6,9,10,11 |
| Zinc Chloride | 10% | 70 | F-1,2,5,9,15,17,18,20,21 | C-2,4 | H-4,9,12 | G-1,2,3,6,9,10,11 |
| Zinc Chloride | 20% | 175 | F-5,9,15,18,20,21 | C-2,4 | H-4,12 | G-1,2,3,6,9,10,11 |
| Zinc Chloride | 50% | 200 | F-15,18,20,21 | C-2,4 | H-4 | G-1,2,3,6,9,10,11 |
| Zinc Cyanide | Any | Note 3,8 | F-1,2,6,9 | C-1,4,5 | H-4,9,12,13 | G-1,5,6 |
| Zinc Bright Cyanide | | 100 | F-1,2,9 | C-1 | H-9,12 | G-5,6,10 |
| Zinc Fluoborate | | 130 | F-6,9 | C-4 | H-4,13,12 | G-8 |
| Zinc Nitrate | | | F-9 | | H-9 | |
| Zinc Oxide | | | F-9 | | H-9 | |
| Zinc Sulfate | Any | Note 3,8 | F-7,9 | C-2,4 | H-4,9,12 | G-5,6 |
| Zinc Sulfate | 50% | 70 | F-7,9,15 | C-4 | H-4,9,12 | G-5,6 |

Chemical Compatibilities-Notes

1. The chemical resistance of Filter fibers depends on the chemical concentration of the fluid, the operating temperature and the length of time to exposure. High density wound depth cartridges can tolerate somewhat higher temperatures than low density cartridges.

2. The maximum recommended continuous operating temperatures for the various filter media are as follows:

| | |
|------------------------|---------|
| Viscose | 250°F |
| Cotton | 250°F |
| Cellulose Acetate | 250°F |
| Cranite | 250°F |
| Orlon | 275°F |
| Nylon | 275°F |
| Glass Fiber (Oil Free) | 750°F* |
| Porous Stainless Steel | 800°F** |
| Polypropylene | 200°F |
| Pleated Paper | 250°F |
| Polyester | 275°F |

*Except in atmospheres containing steam. High temperature use of porous stainless steel filter cartridges is limited to suitable available gasketing material (not available from Commercial Filters).

3. Some chemicals have little or no effect on certain filter media at room temperature but data is lacking concerning the effects of these chemicals at elevated temperatures.

Approval based on tests should be obtained before recommending the use of such filter media with these chemicals at temperatures higher than room temperature.

4. Oil-free glass fiber filter cartridges have been approved for the filtration of 30% and 90% hydrogen peroxide solutions prior to the immediate use of these fluids.

5. In general, the fiber filter Media except viscose and cotton are resistant to attack by microorganisms such as mold, fungi, bacteria, mildew, etc., and by insects. For this reason, polypropylene or cellulose acetate is preferred to viscose and cotton for the filtration of water.

6. In general, all filter media are considered to be nontoxic, but, because they impart various degrees of tastes to filtered fluids, it is recommended that only cellulose acetate, polypropylene, viscose or cotton be used for the filtration of fluids for human consumption

7. Cranite is not recommended for water based liquids of liquids containing gross amounts of water.

8. The collapse strength of plastic cores is reduced by increased temperature. Maximum recommended operating temperatures when using plastic cores are as follows:

Polypropylene 120°F

Glass Filled Polypropylene 180°F

At the above temperatures the collapse strengths will be approximately 70 psi. Continuous operating pressures should be higher than 50 psi.

9. All metal core types will meet or exceed temperature limitations of fibers with high temperature glass use stainless steel.

10. While polypropylene is chemically resistant to organic solvents, acids and alkalis, it should not be used with:

a. Strong oxidizing agents, i.e., 98% sulfuric acid, Fuming, nitric acid, Bromic acid.

b. chlorinated hydrocarbons, i.e., trichloroethylene, perchloroethylene, carbon, tetrachloride

c. Aromatic solvents, i.e., benzene, toluene, xylene,

d. At temperatures below 15 F

11. RBC-70°

F Polypropylene-70°

F Fiberglass-100° F

Metric Conversion Formulas

mm = inches x 25.4

°C = 5/9(°F -32)

k-Pa = psi x 6.895

Note : These data are for reference and may differ from application to application based on process parameter.