

Chemical Reference Chart

Acetic Acid - Calcium Bisulphite



Key to Column Headings

Brass - Brass/Gun Metal
 Alum - Aluminium
 S/S - Stainless Steel
 PG - Polypropylene
 GSK - Gasket/Seal

Key to Gasket/Seal Codes

B - Buna
 E - EPDM
 N - Neoprene
 T - Teflon
 V - Viton

Disclaimer

This is to be used as a guide only and it is the responsibility of the user to ensure the compatibility of the couplings body and the gasket material suggested in this guide with the application. Please note that due to possible variations in the temperature, pressure, concentration and the operating conditions, the user must make sure the product(s) he/she has chosen will work under the specific application even after initial installation.

Fluid	ALUM	BRASS	S/S	PG	GSK
Acetic Acid	X		X	X	E
Acetic Anhydride	X		X	X	T
Acetone	X		X	X	E
Agricultural Lime			X	X	B
Alcohol-Amyl		X	X	X	B
Alcohol-Butyl	X	X	X	X	B
Alcohol-Ethyl		X	X	X	B
Alcohol-Isopropyl	X	X	X	X	B
Alcohol-Methyl		X	X	X	B
Aluminium Chloride				X	B
Aluminium Fluoride 20%	X	X			B
Aluminium Nitrate			X	X	B
Aluminium Pot. Sulphate	X		X	X	B
Aluminium Sulphate			X	X	B
Ammonia Solutions	X		X	X	N
Ammonium Chloride Dry				X	B
Ammonium Hydroxide	X		X	X	E
Ammonium Nitrate	X		X	X	B
Ammonium Phosphate			X	X	B

Fluid	ALUM	BRASS	S/S	PG	GSK
Ammonium Sulphate			X	X	B
Aniline	X		X	X	T
Arsenic Acid			X	X	B
Asphalt		X	X		V
Barium Chloride			X	X	B
Beer	X	X	X	X	B
Benzene/Benzol	X	X	X		V
Benzine	X	X	X		B
Black Liquor				X	E
Bleach 12.5% Chlorine				X	E
Boric Acid	X		X	X	B
Brine			X	X	B
Bromic Acid				X	V
Butadiene	X	X	X		V
Butenes	X	X	X		V
Butyl Acetate Dry	X	X	X		T
Cadmium Cyanide				X	B
Calcium Acetate		X	X	X	E
Calcium Bisulphite			X	X	T

Chemical Reference Chart

Calcium Chloride - Lard

Fluid	ALUM	BRASS	S/S	PG	GSK
Calcium Chloride				X	B
Calcium Hydroxide		X	X	X	B
Calcium Nitrate 40%	X		X	X	B
Carbolic Acid (Phenol)			X		V
Carbon Disulphide	X	X	X		V
Carbon Tetrachloride			X		V
Carbonated Beverages	X		X	X	N
Carbonic Acid	X		X	X	B
Castor Oil			X	X	B
Caustic Potash				X	E
Caustic Soda				X	E
Chloromethane			X		V
Chromic Acid			X	X	T
Citric Acid			X	X	B
Copper Chloride				X	B
Copper Sulphate			X	X	B
Corn Oil			X	X	B
Cottseed Oil			X	X	B
Creosote	X	X	X		V
Cyclohexane	X	X	X		V
Detergents			X	X	B
Developer Solution				X	B
Dextrose	X		X	X	B
Diesel Fuels	X	X	X	X	B
Diethylene Glycol	X	X	X	X	B
Disodium Phosphate				X	B
Ethanolamine	X		X	X	N
Ether	X	X	X		T
Ethyl Acetate			X	X	T
Ethylene Dichloride		X	X		T
Ethylene Glycol	X	X	X	X	B

Fluid	ALUM	BRASS	S/S	PG	GSK
Fatty Acids			X	X	B
Ferric Chloride				X	B
Ferric Hydroxide				X	V
Ferric Nitrate			X	X	B
Ferric Sulphate			X	X	B
Formaldehyde 40%	X		X	X	T
Formic Acid	X		X	X	T
Freon	X		X	X	T
Fruit Juices			X	X	B
Gasoline Refined	X	X	X		B
Gasoline Sour	X		X		B
Gelatin	X		X	X	B
Glucose	X		X	X	B
Glue	X	X	X	X	B
Glycerin	X	X	X	X	B
Glycols				X	B
Green Liquor				X	V
Hexane	X	X	X		V
Hydrobromic Acid				X	V
Hydrochloric Acid				X	V
Hydrocyanic Acid	X		X	X	E
Hydrogen Peroxide			X	X	V
Hydrogen Sulphide			X	X	T
Hypochlorous Acid 20%				X	E
Isobutyl Acetate	X	X	X	X	T
Isopropyl Acetate			X		T
Jet Fuel	X	X	X		V
Kerosene	X	X	X		B
Lactic Acid 20-70%			X	X	V
Laquers	X	X	X		T
Lard			X	X	B

Chemical Reference Chart

Lead Chloride - Sodium Borate

Fluid	ALUM	BRASS	S/S	PG	GSK
Lead Chloride				X	V
Lime Slurry			X	X	B
Lime Sulphur			X	X	B
Linseed Oil			X	X	B
Magnesium Carbonate		X	X	X	B
Magnesium Chloride			X	X	B
Magnesium Hydroxide		X	X	X	E
Magnesium Nitrate	X		X	X	B
Magnesium Sulphate	X		X	X	B
Mercuric Chloride				X	B
Methyl Acetate				X	T
Methyl Benzine	X	X	X		V
Methyl Ethyl Ketone	X	X	X	X	E
Methylene Chloride			X		T
Methynol	X	X	X	X	B
Milk	X		X	X	B
Mineral Oil	X	X	X	X	B
Molasses	X	X	X	X	V
Muriatic Acid				X	V
Naphthalene	X	X	X		V
Naphthenic Acid		X	X		V
Naptha	X	X	X		V
Nikel Chloride			X	X	B
Nikel Sulphate			X	X	B
Nitric Acid				X	T
Nitrobenzene	X		X		E
Octane	X	X	X		V
Oil - Fuel	X	X	X		B
Oil - Gear		X	X	X	V
Oil - Hydraulic	X	X	X	X	B
Oil - Petroleum Refined	X	X	X		B

Fluid	ALUM	BRASS	S/S	PG	GSK
Oil - Petroleum Unrefined			X		B
Oil - Vegetable			X	X	V
Oleic Acid	X		X	X	T
Oleum			X		T
Oxalic Acid	X			X	V
Palmitic Acid			X	X	B
Paraffin	X	X	X	X	B
Perchloroethylene			X		V
Phosphoric Acid 50- 85%			X	X	V
Photographic Solutions				X	V
Phthalic Anhydride	X	X	X	X	T
Picric Acid			X	X	V
Plating Solutions				X	E
Potassium Nitrate	X	X	X	X	B
Potassium Acetate		X	X	X	E
Potassium Chloride				X	B
Potassium Cyanide			X	X	B
Potassium Dichromate	X	X	X	X	B
Potassium Hydroxide 30%			X	X	E
Potassium Sulphate	X	X	X	X	B
Propylene Glycol	X	X		X	B
Propylene Oxide			X		T
Salt Water		X	X	X	B
Shellac	X		X	X	B
Silicone Oil			X	X	B
Silver Nitrate				X	E
Soap Solutions			X	X	B
Soda Ash			X	X	B
Sodium Bicarbonate		X	X	X	B
Sodium Bisulphate			X	X	B
Sodium Borate	X	X	X	X	B

Chemical Reference Chart

Sodium Carbonate - Zinc Nitrate Sulphate

Fluid	ALUM	BRASS	S/S	PG	GSK
Sodium Carbonate			X	X	B
Sodium Chloride		X	X	X	B
Sodium Cyanide 10%			X	X	B
Sodium Dichromate 10%				X	T
Sodium Hydroxide 40%			X	X	E
Sodium Hypochlorite				X	E
Sodium Metaphosphate		X	X	X	B
Sodium Nitrate	X		X	X	E
Sodium Peroxide			X	X	E
Sodium Phosphate		X	X	X	B
Sodium Sulphate		X	X	X	B
Sodium Sulphide			X	X	B
Sodium Thiosulphate			X	X	B
Soya Bean Oil			X	X	B
Stannic Chloride				X	B
Stannous Chloride 15%			X	X	B
Stearic Acid			X	X	T
Stoddard Solvent	X	X	X		B
Styrene	X		X		T
Sugar Cane Liquor	X	X	X	X	B
Sulphate Liquors			X	X	B
Sulphite Liquors			X	X	V
Sulphuric Acid				X	T

Fluid	ALUM	BRASS	S/S	PG	GSK
Sulphurous Acid			X	X	T
Tannic Acid 10%			X	X	B
Tartaric Acid			X	X	B
Tetrachloroethylene			X		V
Toluene	X	X	X		T
Trichloroethylene		X	X		V
Triethanolamine	X		X	X	T
Trisodium Phosphate			X	X	B
Urea	X		X	X	T
Urine				X	B
Varnish	X		X		B
Vinegar			X	X	T
Water - Deionised				X	B
Water - Demineralised				X	B
Water - Distilled	X		X	X	B
Water - Fresh		X	X	X	B
Water - Mine Acid	X		X	X	B
Water - Salt		X	X	X	B
White Liquor			X	X	E
Wine			X	X	B
Xylene	X	X	X		V
Zinc Chloride				X	B
Zinc Nitrate Sulphate	X		X	X	V