

CORROSION RESISTANCE OF COUPLING MATERIAL

Metal	Non-Metal	Gasket/Seal Material
1 > Excellent 2 > Good 3 > Fair X > Not Recommended	A > Acceptable X > Not Recommended	T > Teflon V > Viton E > EPDM N > Neoprene B > Buna N

NOTE:

1. Ratings given are based at 21°C. Chemical compatibility varies greatly with temperature. For applications at temperatures other than 21°C, contact Advanced Industrial Products for recommendations.
2. Chemical resistance of a material does not necessarily indicate the suitability of a fitting in a given application due to variables such as clamping, coupling, hose construction, gasket material, etc.

AGENT	Aluminium	Brass	Bronze	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Gaskets
Acetate Solvents (Crude)	1	X	X	2	2	1	1	A	X	T
Acetate Solvents (Pure)	1	1	1	X	1	1	1	A	X	T
Acetic Acid (80%)	3	X	X	X	1	1	1	X	X	TEVNB
Acetic Acid (50%)	2	X	X	X	2	2	1	X	X	TEVNB
Acetic Acid (20%)	2	X	X	X	2	2	1	X	X	TEVNB
Acetic Acid (10%)	2	X	2	X	2	1	1	X	X	TEVNB
Acetic Anhydride	2	X	2	2	2	2	2	X	X	TNB
Acetone	1	2	2	2	1	1	1	A	X	TE
Acetylene	1	X	X	2	2	1	1	X	X	TEVNB
Alcohol - Amyl	2	2	2	2	1	2	2	A	A	TEVNB
Alcohol - Benzyl	2	2	2	2	1	1	1	X	A	TVB
Alcohol - Butyl	1	2	1	2	1	1	1	A	A	TEVN
Alcohol - Diacetone	1	1	2	2	1	2	2	X	A	TE
Alcohol - Ethyl	1	2	2	2	2	2	2	X	A	TEVNB
Alcohol - Hexyl	-	-	-	-	-	-	-	A	-	-
Alcohol - Isobutyl	-	-	-	-	-	-	-	A	-	-
Alcohol - Isopropyl	2	2	2	2	2	2	2	A	A	TEVNB
Alcohol - Methyl (Methanol)	2	2	2	2	2	2	2	A	A	TENB
Alcohol - Octyl	-	-	-	-	-	-	-	A	-	-
Alcohol - Propyl	2	2	2	2	2	1	1	X	A	TEVNB
Aluminium Chloride (Aq.)	X	X	X	X	X	X	X	A	A	TEVNB
Aluminium Fluoride (Sat.)	2	-	-	X	2	X	2	X	A	TEVNB
Aluminium Nitrate (Sat.)	3	X	-	X	-	2	2	A	A	TEVNB
Aluminium Potassium Sulfate (Alum)	2	2	2	X	2	X	2	X	A	TEVNB
Aluminium Sulfate (Sat.)	X	X	2	X	2	-	2	A	A	TEVNB
Ammonia Anhydrous	1	X	X	1	1	2	1	A	X	TENB
Ammonia Gas	X	X	X	1	X	1	1	A	X	TENB
Ammonia Nitrate	-	-	-	-	-	-	-	X	-	-
Ammonium Bifluoride	-	X	-	X	2	-	-	X	A	TEVB
Ammonium Carbonate (Sat.)	2	X	X	2	2	2	2	A	A	TEVNB
Ammonium Casenate	-	-	-	-	-	-	-	A	-	-
Ammonium Chloride (Sat.)	X	X	2	X	2	X	X	A	A	TEVNB
Ammonium Hydroxide (Sat.)	2	X	X	1	X	2	2	A	A	TEVNB
Ammonium Nitrate	2	X	X	X	X	-	-	A	A	TENB
Ammonium Phosphate (10-40%)	X	X	X	X	2	1	2	A	A	TEVNB
Ammonium Sulfate (10-40%)	X	X	3	X	2	X	2	A	A	TEVNB
Aniline	-	X	2	X	2	1	1	X	X	TV
Arsenic Acid	X	X	2	X	X	2	2	X	A	TEVNB
Asphalt	-	-	-	2	-	-	2	X	X	TV

Ratings given are based at 21°C.

AGENT	Aluminium	Brass	Bronze	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Gaskets
Barium Carbonate (Sat.)	X	2	2	2	2	2	2	A	A	TEVNB
Barium Chloride (Sat.)	-	2	2	-	2	X	-	A	A	TEVNB
Barium Hydroxide (Sat.)	X	2	X	2	1	2	2	A	A	TEVNB
Barium Sulfate	2	2	2	X	2	2	2	A	A	TEVNB
Barium Sulfide	X	X	X	2	X	2	2	A	A	TEVNB
Beer	1	2	2	2	1	1	1	A	A	TEVNB
Benzaldehyde	2	2	2	X	2	2	2	X	X	TE
Benzene, Benzol	1	2	2	2	2	2	2	A	X	TV
Benzine	-	-	-	-	-	-	-	A	X	-
Benzoic Acid	2	2	2	X	2	2	2	X	X	TVN
Black Liquor	X	X	X	-	2	2	2	X	A	TEVNB
Bleach (12.5% Active Chlorine)	X	-	-	X	-	-	X	X	A	TEVN
Borax	X	2	2	2	1	1	1	X	A	TEVNB
Boric Acid	1	X	2	X	2	-	-	X	A	TEVNB
Brine Acid	-	2	2	-	-	-	-	X	A	TEVNB
Bromic Acid	X	X	X	-	X	-	-	X	A	TEVN
Bromine Liquid	2	-	-	-	-	X	X	X	X	TV
Butadiene, Butylene	2	2	2	2	1	2	2	X	X	TVNB
Butane	2	2	2	1	1	2	2	X	X	TV
Butyl Acetate	1	2	2	2	2	2	2	A	X	T
Butyric Acid	2	2	X	X	2	2	2	A	A	TV
Calcium Bisulfate	X	-	X	X	X	X	2	X	A	T
Calcium Bisulfide	-	-	-	-	2	-	2	A	A	TVB
Calcium Bisulfite	X	X	2	X	X	-	2	X	A	TVNB
Calcium Carbonate	X	2	2	2	2	1	2	A	A	TEVB
Calcium Chloride (Sat.)	-	2	-	2	2	-	-	A	A	TEVNB
Calcium Hydroxide (Sat.)	X	2	X	2	2	2	2	A	A	TEVNB
Calcium Hypochlorite (Sat.)	X	X	X	X	X	X	2	X	A	TEV
Carbon Bisulfide	1	X	2	2	X	2	2	A	X	TV
Carbon Dioxide (Dry)	1	1	2	2	1	2	2	A	A	TENB
Carbon Dioxide (Wet)	1	X	-	3	-	2	2	X	A	TENB
Carbon Disulfide	1	X	2	2	X	2	2	A	X	TV
Carbon Monoxide	1	1	1	2	1	1	1	A	A	TEVNB
Carbon Tetrachloride	X	-	1	2	1	1	-	A	X	TV
Carbonic Acid	1	2	2	2	3	2	2	X	A	TEVNB
Castor Oil	2	2	2	2	1	2	2	X	A	TEVNB
Caustic Potash	X	-	-	X	-	-	2	A	A	TEVNB
Cellosolves	2	2	2	2	2	2	2	X	A	TE
Chlorine (Liquid)	-	-	-	2	2	-	3	X	X	TV
Chloroform	-	-	-	X	1	-	-	X	X	TV
Chlorosulfonic Acid	-	X	X	2	2	X	X	X	X	T
Clorox (Bleach, 5.5% CL)	X	-	-	X	-	-	2	X	-	TEVB
Chromic Acid (50%)	2	X	X	X	X	3	-	X	X	TVNB
Citric Acid	3	X	X	X	2	-	-	X	A	TEVNB
Coke Oven Gas	2	3	3	2	2	2	2	X	X	TEVN
Copper Chloride	X	X	X	X	X	X	X	A	A	TEVNB
Copper Cyanide	X	X	X	-	X	2	2	X	-	TEVNB
Copper Sulfate	X	X	X	X	X	-	2	A	A	TEVNB
Crylic Acid (Conc.)	2	2	X	2	3	2	2	X	X	TEV
Cyclohexane	2	2	2	2	1	2	2	A	X	TVB
Detergents	2	2	2	2	-	1	2	A	A	TEVNB
Dextrose	2	-	-	-	2	-	-	A	A	TEVNB
Diesel Fuels	1	1	1	2	-	1	1	A	X	TVB
Diethylamine	2	-	X	X	1	2	2	X	A	TN
Disodium Phosphate	-	-	-	1	-	-	1	A	A	TEV
Ethers	2	2	2	2	2	1	1	A	X	TB
Ethyl Acetate	-	-	2	2	2	2	2	A	X	T
Ethyl Chloride	-	-	2	2	2	-	1	A	X	TEVB
Ethylene Chloride	-	-	-	2	2	-	-	A	X	TV
Ethylene Dichloride	-	2	X	2	1	2	2	A	X	TV
Ethylene Glycol	1	2	2	2	2	2	2	A	X	TEVNB
Ethylene Oxide	1	X	X	2	2	2	2	X	X	T

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AGENT	Aluminium	Brass	Bronze	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Gaskets
Fatty Acids	1	3	3	X	2	-	1	A	A	TVNB
Ferric Chloride	X	X	2	X	X	X	X	X	A	TEVNB
Ferric Hydroxide	-	-	-	-	2	1	1	A	-	TEVNB
Ferric Nitrate (10-50%)	X	X	X	X	X	2	2	X	A	TEVNB
Ferric Sulfate	X	X	X	X	2	-	-	X	A	TEVNB
Ferrous Chloride (Sat.)	X	X	2	-	X	X	X	X	A	TEVNB
Ferrous Sulfate	2	2	2	X	2	2	-	X	A	TEVNB
Fluoric Acid	X	-	-	1	2	-	-	X	A	TEVNB
Formaldehyde (50%)	-	2	2	X	2	1	1	X	A	TEN
Formic Acid (Anhyd.)	1	X	2	X	2	-	-	X	A	TEVN
Freon 11	2	2	2	X	1	2	2	A	X	TVNB
Freon 12	2	2	2	X	2	2	2	A	X	TVNB
Freon 22	2	2	2	X	2	2	2	A	X	TN
Fruit Juices	2	2	3	X	1	2	2	A	A	TVNB
Fuel Oil	2	2	2	2	2	2	2	A	X	TVNB
Furfural	2	2	2	2	2	2	2	A	X	TEN
Gasoline - Refined	2	2	2	2	2	2	2	A	X	TVNB
Gasoline - Sour	X	2	2	2	X	2	2	A	X	TVNB
Gelatin	2	2	2	X	2	2	2	A	A	TEVNB
Glucose	2	2	2	2	2	2	2	A	A	TEVNB
Glue	2	2	2	2	2	-	2	-	A	TEVNB
Glycerine	1	1	2	2	1	1	1	A	A	TEVNB
Glycols	2	2	2	2	2	2	2	A	A	TEVNB
Green Liquor	-	-	-	2	-	-	-	-	A	TEVNB
Heptane	2	2	2	2	2	2	2	A	X	TVNB
Hexane	2	2	2	2	2	1	1	A	X	TVNB
Hydrobromic Acid (50%)	X	X	X	X	X	X	X	X	A	TEV
Hydrobromic Acid (20%)	X	X	X	X	X	X	X	X	A	TEV
Hydrochloric Acid (20%)	X	X	X	X	3	X	X	X	A	TEVNB
Hydrochloric Acid (38%)	X	X	X	X	X	X	X	X	A	TEVN
Hydrocyanic Acid	2	X	X	2	2	2	2	X	A	TEVN
Hydrogen Peroxide (50%)	-	X	X	X	2	-	-	X	A	TEV
Hydrogen Sulfide (Aqu.)	-	-	-	-	2	X	2	X	A	TE
Hydrogen Chloride (Dry Gas)	X	2	-	2	1	-	-	X	A	TEVN
Hydrogen Gas	1	1	1	-	1	1	1	X	A	TEVNB
Hypochlorous Acid	X	X	X	X	X	X	X	X	X	TEV
Iodine	1	X	X	X	1	X	X	X	A	TEV
Isopropyl Ether	-	2	2	-	2	1	2	A	X	T
Jet Fuel (JP4, JP5)	2	1	2	2	2	2	2	X	X	TV
Kerosene	2	2	2	2	2	2	2	X	X	TVNB
Ketones	2	2	2	2	2	2	2	A	X	T
Lactic Acid (25%)	3	2	2	X	X	-	-	A	A	TEVN
Lactic Acid (80%)	2	2	X	X	-	-	-	A	A	TEVN
Lard Oil	2	-	2	3	2	2	2	A	A	TVB
Lead Acetate	X	X	X	X	2	2	2	X	A	TENB
Lead Chloride	X	-	-	-	-	2	2	X	-	TVNB
Lead Sulfate	X	-	-	X	2	2	2	X	-	TEVNB
Lime Sulphur	X	X	X	X	2	2	2	X	A	TEVN
Linoleic Acid	2	X	3	X	2	2	2	X	A	TVB
Linseed Oil	2	2	2	2	2	2	2	A	A	TVNB
Lubricants (Oil)	2	1	-	2	2	2	2	A	X	TVNB
Magnesium Carbonate	2	-	-	-	2	2	2	X	A	TEVNB
Magnesium Chloride	X	X	2	-	-	-	-	X	A	TEVNB
Magnesium Hydroxide	2	2	2	2	2	1	1	X	A	TEVNB
Magnesium Nitrate	2	2	2	2	2	2	2	X	A	TEVNB
Magnesium Oxide	-	-	-	-	-	-	-	X	-	-
Magnesium Sulfate	2	-	2	-	1	2	2	X	A	TEVNB
Maleic Acid	-	2	3	X	-	-	2	X	A	TEV
Mercuric Chloride	X	X	X	X	X	X	-	X	A	TEVB
Mercuric Cyanide	X	X	X	X	2	2	2	X	A	TEVB
Mercury	X	X	X	2	-	1	1	A	A	TEVNB

Ratings given are based at 21°C.

AGENT	Aluminium	Brass	Bronze	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Gaskets
Methane	1	1	2	2	1	1	1	A	X	TEVNB
Methanol	2	2	2	2	2	2	2	A	A	TENB
Methyl Bromide	X	-	-	2	-	2	2	X	X	TV
Methyl Ethyl Ketone	2	2	2	2	2	2	2	A	X	T
Methyl Isobutyl Ketone	2	2	2	2	2	2	2	A	X	T
Methyl Methacrylate	2	-	-	X	-	2	2	X	A	T
Methylene Chloride	-	2	2	2	-	-	-	A	X	T
Milk	1	X	X	2	X	1	1	A	A	TEVNB
Mineral Oil	2	1	-	2	1	1	2	A	A	TVNB
Muriatic Acid	X	-	-	-	X	X	X	X	A	TV
Naphthalene	2	2	2	2	2	1	1	A	A	TV
Naphtha	2	2	2	2	2	2	2	A	X	TVB
Nickel Chloride	X	X	X	X	2	-	-	X	A	TEVNB
Nickel Sulfate	X	X	-	-	-	2	2	X	A	TEVNB
Nitric Acid (100%)	1	X	X	X	X	2	-	X	X	TV
Nitric Acid (50%)	X	X	X	X	X	2	-	X	X	TV
Nitric Acid (30%)	X	X	X	X	X	1	-	X	X	TV
Nitrobenzene	1	2	2	2	2	2	2	A	A	T
Oil - Castor	2	2	2	2	1	2	2	A	A	TEVNB
Oil - Coconut	2	-	2	3	2	2	2	A	A	TVB
Oil - Corn	2	2	2	2	2	-	2	A	A	TVNB
Oil - Cotton Seed	2	2	2	2	1	2	2	A	A	TVNB
Oil - Fuel	2	2	2	2	2	2	2	A	X	TVNB
Oil - Linseed	2	2	2	2	2	2	2	A	A	TVNB
Oil - Mineral	2	1	-	2	1	1	2	A	A	TVNB
Oil - Silicon	2	1	2	2	-	2	2	A	A	TEVB
Oil - Vegetable	2	2	2	2	1	1	1	A	X	TVNB
Oleic Acid	2	3	2	2	1	-	1	A	X	TB
Oleum	2	X	X	2	X	2	2	X	X	TV
Oxalic Acid (Sat.)	2	-	2	X	2	X	X	X	A	TEV
Oxygen	2	2	2	2	2	2	2	X	X	TEVNB
Palmitic Acid (Sat.)	2	3	2	3	2	2	2	X	A	TVB
Paraffin	2	2	2	2	2	2	2	A	A	TVNB
Perchloroethylene	2	2	2	2	1	-	-	X	X	TV
Petrolatum	2	-	2	3	2	2	2	A	-	TVNB
Phenol (Carbolic Acid)	1	1	X	2	1	-	1	X	X	TV
Phosphoric Acid (25-50%)	X	X	2	X	X	-	-	X	A	TEVN
Phosphoric Acid (50-85%)	X	X	X	X	3	-	-	X	A	TEV
Photographic Solutions	-	-	-	X	1	1	1	X	X	TVNB
Phthalic Anhydride	-	2	2	2	1	1	1	X	X	TEV
Picric Acid	1	X	X	X	X	2	2	X	-	TEVNB
Plating Solution - Brass	-	-	-	-	-	-	2	X	A	TEVNB
Plating Solution - Cadmium	-	-	-	-	-	-	2	X	A	TEVNB
Plating Solution - Chrome 40%	X	2	2	X	X	2	2	X	A	TEVN
Plating Solution - Copper (Cyanide)	-	-	-	-	-	-	-	X	A	TEVNB
Plating Solution - Gold	-	-	-	-	-	-	1	X	A	TEVNB
Plating Solution - Iron	-	-	-	-	-	-	-	X	A	TEVB
Plating Solution - Lead	-	-	-	-	-	1	1	X	A	TEVNB
Plating Solution - Nickel	-	-	-	-	-	1	1	X	A	TEVNB
Plating Solution - Silver	-	-	-	-	-	1	1	X	A	TEVNB
Plating Solution - Tin	-	-	-	-	-	-	3	X	A	TEVNB
Plating Solution - Zinc	-	-	-	-	-	-	-	X	A	TEVNB
Potassium Acetate	X	X	X	2	-	-	-	A	A	TEVB
Potassium Bicarbonate (30%)	X	2	-	2	2	1	1	A	A	TEVNB
Potassium Carbonate (50%)	X	2	X	2	2	1	1	A	A	TEVNB
Potassium Chlorate (30%)	2	X	X	2	2	2	1	X	A	TEVNB
Potassium Chloride (30%)	X	X	2	2	1	-	-	A	A	TEVNB
Potassium Chromate (30%)	2	2	2	-	2	2	2	X	A	TEVB
Potassium Cyanide Solution (30%)	X	X	X	2	2	2	2	X	A	TEVNB
Potassium Dichromate (30%)	1	2	2	2	2	1	1	X	A	TEVB
Potassium Hydroxide (90%)	X	X	X	-	2	X	-	X	A	TENB
Potassium Nitrate (80%)	1	2	2	2	2	2	2	X	A	TEVNB

Ratings given are based at 21°C.

AGENT	Aluminium	Brass	Bronze	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Gaskets
Potassium Permanganate (20%)	2	2	2	2	2	2	2	X	A	TEVN
Potassium Sulfate (10%)	1	2	2	2	1	1	1	A	A	TEVNB
Propane	1	1	1	2	1	2	2	X	X	TVB
Propylene Glycol	2	2	2	2	2	2	2	A	A	TVNB
Propylene Oxide (90%)	-	-	-	-	-	1	1	X	X	TE
Pyridine	2	2	2	2	2	2	2	A	X	T
Pyrogalllic Acid	2	2	2	2	2	2	2	X	X	TVNB
Silver Nitrate	X	X	X	X	X	2	1	X	A	TEVNB
Soap Solutions	2	2	2	2	2	2	2	A	A	TEVNB
Sodium Acetate	1	2	2	X	2	2	2	A	A	TEN
Sodium Bicarbonate (20%)	2	2	2	3	1	1	1	A	A	TEVNB
Sodium Bisulfate	X	-	2	2	-	-	-	A	A	TEVNB
Sodium Bisulfite	X	2	X	X	-	-	-	A	A	TEVNB
Sodium Borate	2	2	2	3	2	2	2	A	A	TEVNB
Sodium Perborate (10%)	2	X	2	2	2	2	2	X	A	TEVNB
Sodium Carbonate	X	2	-	2	1	-	2	A	A	TEVNB
Sodium Chlorate (50%)	2	2	-	X	1	2	2	X	A	TEVNB
Sodium Cyanide	X	X	X	2	X	-	-	A	A	TEVNB
Sodium Dichromate	2	X	X	2	-	2	2	X	A	TE
Sodium Hydroxide (70%)	X	X	X	3	1	2	2	X	A	TENB
Sodium Hydroxide (50%)	X	X	3	3	1	1	-	X	A	TENB
Sodium Hydroxide (30%)	X	2	3	2	1	1	1	X	A	TENB
Sodium Chloride (30%)	X	2	2	2	1	-	-	X	A	TEVNB
Sodium Hypochlorite	X	X	X	X	X	-	-	X	A	TEV
Sodium Metaphosphate	X	X	2	X	2	2	2	X	X	TEVNB
Sodium Nitrate (40%)	1	2	-	2	2	1	1	A	A	TENB
Sodium Perborate (10%)	2	X	2	2	2	2	2	X	A	TEVNB
Sodium Peroxide (10%)	2	X	X	2	2	2	2	X	A	TEVNB
Sodium Silicate	1	2	2	2	2	2	2	A	A	TEVNB
Sodium Sulfate	-	2	2	2	-	-	1	A	A	TEVNB
Sodium Sulfide (50%)	X	X	X	2	2	-	2	X	A	TEVNB
Sodium Thiosulphate	2	X	X	X	2	2	2	A	A	TEVNB
Stannic Chloride	X	X	X	X	X	X	X	X	A	TEVNB
Stannous Chloride	X	X	X	X	-	X	-	X	X	TEVNB
Steam	-	-	-	-	-	-	-	X	-	-
Stearic Acid	2	3	2	3	3	2	1	A	A	TVNB
Stoddard's Solvent	2	2	2	2	2	2	2	X	A	TVB
Sugar Liquors (Cane)	1	2	1	2	2	2	2	A	A	TEVNB
Sugar Liquors (Beet)	1	2	1	2	1	1	1	A	A	TEVNB
Sulfate Liquors	2	X	X	3	2	-	2	X	A	TVNB
Sulfite Liquors	X	X	-	X	X	2	2	X	X	TVNB
Sulfur Chloride	X	-	X	X	X	-	-	X	X	TV
Sulfur Dioxide (Dry)	2	2	2	1	2	-	2	X	A	TE
Sulfur Trioxide	2	2	X	2	2	-	2	X	X	TEV
Sulfuric Acid (TO 10%)	X	2	X	X	X	X	X	X	A	TEVNB
Sulfuric Acid (100%)	X	X	X	2	X	-	-	X	X	TV
Sulfurous Acid	2	2	X	X	X	X	-	X	A	TV
Tannic Acid	X	-	X	X	2	2	2	X	A	TEVNB
Tanning Liquors	1	-	2	-	-	1	1	X	A	TVNB
Tartaric Acid	-	-	2	-	-	1	1	A	A	TVNB
Titanium Tetrachloride	X	X	X	2	2	-	2	X	X	TV
Toluene	1	1	1	1	1	1	1	A	X	TVB
Tetrahydrofuran	X	-	2	1	-	1	2	A	X	T
Tomato Juice	2	-	3	3	2	2	2	X	A	TEVNB
Trichloroethylene	1	-	2	2	-	-	-	A	X	TV
Triethanolamine	2	X	2	2	2	2	2	A	X	TEVN
Triethylamine	-	-	-	-	2	2	2	A	X	TVB
Trisodium Phosphate (10%)	X	2	-	2	2	1	1	A	A	TVNB
Turpentine	2	X	2	2	1	1	1	X	X	TVB
Urea (50%)	2	-	2	2	2	2	2	A	A	TEVNB
Urine	-	-	-	2	-	1	1	X	A	TEVNB
Vinegar	2	X	2	2	2	2	2	X	A	TEVN
Water Acid (Mine)	X	X	X	X	-	-	-	X	A	TEVNB
Water (Distilled)	X	2	2	X	X	2	2	A	A	TEVNB
Water (Sea)	2	2	2	X	2	2	2	A	A	TEVNB
Whiskey	X	2	2	2	2	1	1	X	A	TEVNB
White Liquor (Pulp)	2	-	X	X	X	2	2	X	A	TEVNB
Wine	X	2	2	X	2	1	1	X	A	TEVNB
Xylene	2	2	2	2	2	2	2	A	X	TV
Zinc Chloride	X	X	X	X	-	X	2	A	A	TEVNB
Zinc Nitrate	-	-	-	-	-	2	2	X	A	TEVNB
Zinc Sulfate (50%)	X	2	2	X	2	1	1	X	A	TEVNB

Ratings given are based at 21°C.