

## Chemical Resistance of Neoprene Chart

A = Excellent  
B = Good  
C = Fair  
D = Not Recommended

	Neoprene
Acetaidehyde5	D
Acetamide	A
Acetate Solv.2	D
Acetic Acid, Glacia1	C
Acetic Acid 20%	C
Acetic Acid 80%	D
Acetic Acid	C
Acetic Anhydride	B
Acetone 6	C
Acrylonitrile	D
Alohois Amyl	A
Benzyl	B
Butyl	A
Diacetone2	D
Ethyl	A
Hexyl	B
Isobutyl	A
Isopropyl	B
Methyl6	A
Octyl	B
Propyl	A
Aluminum Chloride 20%	A
Aluminum Chloride	A
Aluminum Flouride	A
Aluminum Hydroxide6	A
Alum Potassium Sulfate (Alum), 10%	A
Alum Potassium Sulfate (Alum), 100%	A
Aluminum Sulfate	A
Amines	B
Ammonia 10%	A
Ammonia, Anhydrous	A
Ammonia, Liquids	A
Ammonia, Nitrate	C
Ammonia, Bifluoride	A
Ammonia, Carbonate	A
Ammonia, Casenite	A
Ammonia, Chloride	A
Ammonia, Hydroxide	A
Ammonia, Nitrate	A
Ammonia, Oxalate	A
Ammonia, Persulfate	A
Ammonia, Phrosphate, Dibasic	A
Ammonia, Phrosphate, Monobasic	A
Ammonia, Phrosphate, Tribasic	A
Ammonia, Sulfate	A
Ammonia, Thio-sulfate	A
Amyl-Acetate	D
Amyl Alcohol	A
Amyl Chloride	D
Aniline	D

Anti-Freeze	A
Aqua Regia (80%, HCl, 20%, HNO)	D
Arochlor 1248	D
Aromatic Hydrocarbons	D
Arsenic Acid	A
Asphalt	B
Barium Carbonate	A
Barium Chloride	A
Barium Cyanide	A
Barium Hydroxide	A
Barium Nitrate	A
Barium Sulfate	A
Barium Sulfide	A
Beer2	A
Beef Sugar Liquids	B
Benzaldehyde3	D
Benzene2	D
Benzoic Acid	D
Benzol	D
Borax (Sodium Borate)	A
Boric Acid	A
Brewery Slop	A
Bromine2 (wet)	D
Butadiene	B
Butane 2 1	B
Butter	B
Buttermilk	A
Butyl Acetate1	D
Butyric Acid1	D
Calcium Bisulfate	C
Calcium Bisulfide	A
Calcium Bisulfite	A
Calcium Carbonate	A
Calcium Chlorate	A
Calcium Chloride	D
Calcium Hydroxide	A
Calcium Hypochlorite	D
Calcium Sulfate	D
Calgon	A
Cane Juice2	A
Carbon Bisulfide2	D
Carbon Disulfide2	D
Carbon Monoxide	B
Carbon Tetrachloride2 1	D
Carbonated Water	A
Carbonic Acid	A
Catsup	C
Chloracetic Acid2	D
Chloric Acid	D
Chlorinated Glue	D
Chlorine, Anhydrous Liquid	D
Chlorine (dry)	D
Chlorine Water	D
Chlorobenzene (Mono)	D
Chloroform	D
Chlorosulfonic Acid1	D
Chlorox (Bleach)	B
Chocolate Syrup	A

Chromic Acid 5%	D
Chromic Acid 10%	D
Chromic Acid 30%	D
Chromic Acid 50%	D
Cider	A
Citric Acid	A
Citric Oils	D
Coffee	A
Copper Chloride	A
Copper Cyanide	A
Copper Floborate	A
Copper Nitrate	A
Copper Sulfate (5% Solution)	A
Copper Sulfate	A
Cream	C
Cresols2	D
Cresylic Acid	D
Cyclohexane	D
Cyanic Acid	D
Detergents	B
Dichlorethane	D
Diesel Fuel	D
Diethylamine	B
Diethylene Glycol	A
Diphenyl Oxide	D
Dyes	C
Epsom Salts (Magnesium Sulfate)	A
Ethane	B
Ethanolamine	B
Ether 3	D
Ethyl Acetate2	D
Ethyl Chloride	C
Ethylene Chloride2	D
Ethylene Dichloride	D
Ethylene Glycol4	A
Ethylene Oxide	D
Fatty Acids	B
Ferric Chloride	B
Ferric Nitrate	A
Ferric Sulfate	A
Ferrous Chloride	A
Ferrous Sulfate	A
Fluoboric Acid	A
Fluosilicic Acid	A
Formaldehyde 40%	A
Formaldehyde	D
Formic Acid6	D
Freon 111	D
Freon 12 (wet)2	B
Freon 22	A
Freon 113	A
Freon T.F.4	A
Fruit Juice	A
Fuel Oils	B
Furan Resin	D
Furfural1	D
Gasoline 1 4	D
Gelatin	A

Glucose	A
Glue P.V.A.1	A
Glycerine	A
Cycolic Acid	A
Gold Monocyanide	A
Grape Juice	A
Grease 4	D
Heptane1	B
Hexane1	B
Honey	A
Hydraulic Oils (petroleum)1	B
Hydrazine	B
Hydrobromic Acid 20%	C
Hydrobromic Acid 4	D
Hydrobromic Acid (20%)4	C
Hydrobromic Acid (37%)4	C
Hydrobromic Acid 100%	C
Hydrocyanic Acid	B
Hydrocyanic Acid (Gas 10%)	C
Hydrofluoric Acid (20%)1	C
Hydrofluoric Acid (75%)1 2	D
Hydrofluoric Acid 100%	D
Hydrofluosilicic Acid (20%)	B
Hydrofluosilicic Acid	A
Hydrogen Peroxide 10%	D
Hydrogen Peroxide 30%	C
Hydrogen Peroxide	D
Hydrogen Sulfide, Aqueous Solution	B
Hydroxyacetic Acid (70%)	A
Ink	A
Iodine	D
Iodine (In Alcohol)	D
Isopropyl Acetate	D
Isopropyl Ether2	D
Jet Fuel (JP#, JP4, JP5)	D
Kerosene2	D
Ketones	D
Lacquers	D
Lacquer Thinners	D
Lactic Acid	A
Lard	B
Latex	C
Lead Acetate	D
Lead Sulfamate	A
Ligroin3	B
Lime	B
Lubricants	D
Magnesium Carbonate	A
Magnesium Chloride	A
Magnesium Hydroxide	B
Magnesium Nitrate	A
Magnesium Oxide	A
Magnesium Sulfate	A
Maleic Acid	A
Maleic Anhydride	D
Malic Acid	A
Mash	A
Mercuric Chloride (Dilute Solution)	A

Mercury	A
Methyl Acetate	B
Methyl Acrylate	B
Methyl Acetone	D
Methyl Bromide	D
Methyl Butyl Ketone	D
Methyl Cellosive	D
Methyl Chloride	D
Methyl Dichloride	D
Methyl Ethyl Ketone	D
Methyl Isobutyl Ketone 2	D
Methyl Isopropyl Ketone	D
Methyl Methacrylate	D
Methylene Chloride	D
Milk	A
Molasses	A
Mustard	C
Naptha	D
Napthalene	D
Nickel Chloride	A
Nickel Sulfate	A
Nitric Acid (10% Solution)	D
Nitric Acid (20% Solution)	D
Nitric Acid (50% Solution)	D
Nitric Acid	D
Nitrobenzene2	D
Oils	D
Anise	D
Bay	D
Bone	D
Castor	A
Cinnamon	D
Citric	D
Coconut	A
Cod Liver	B
Corn	D
Cotton Seed	D
Cresote2	B
Diesel Fuel (2D, 3D, 4D, 5D)	D
Grape Juice	A
Grease 4	D
Heptane1	B
Hexane1	B
Honey	A
Hydraulic Oils (petroleum)1	B
Hydrazine	B
Hydrobromic Acid 20%	C
Hydrobromic Acid 4	D
Hydrobromic Acid (Dry gas)	--
Hydrobromic Acid (20%)4	C
Hydrobromic Acid (37%)4	C
Hydrobromic Acid 100%	C
Hydrocyanic Acid	B
Hydrocyanic Acid (Gas 10%)	C
Hydrofluoric Acid (20%)1	C
Hydrofluoric Acid (75%)1 2	D
Hydrofluoric Acid 100%	D
Hydrofluosilicic Acid (20%)	B

Hydrofluosilicic Acid	A
Hydrogen Peroxide 10%	D
Hydrogen Peroxide 30%	C
Hydrogen Peroxide	D
Hydrogen Sulfide, Aqueous Solution	B
Hydroxyacetic Acid (70%)	A
Ink	A
Iodine	D
Iodine (In Alcohol)	D
Isopropyl Acetate	D
Isopropyl Ether <sup>2</sup>	D
Jet Fuel (JP#, JP4, JP5)	D
Kerosene <sup>2</sup>	D
Ketones	D
Lacquers	D
Lacquer Thinners	D
Lactic Acid	A
Lard	B
Latex	C
Lead Acetate	D
Lead Sulfamate	A
Ligroin <sup>3</sup>	B
Lime	B
Lubricants	D
Magnesium Carbonate	A
Magnesium Chloride	A
Magnesium Hydroxide	B
Magnesium Nitrate	A
Magnesium Oxide	A
Magnesium Sulfate	A
Maleic Acid	A
Maleic Anhydride	D
Malic Acid	A
Mash	A
Mercuric Chloride (Dilute Solution)	A
Mercury	A
Methyl Acetate	B
Methyl Acrylate	B
Methyl Acetone	D
Methyl Bromide	D
Methyl Butyl Ketone	D
Methyl Cellosive	D
Methyl Chloride	D
Methyl Dichloride	D
Methyl Ethyl Ketone	D
Methyl Isobutyl Ketone 2	D
Methyl Isopropyl Ketone	D
Methyl Methacrylate	D
Methylene Chloride	D
Milk	A
Molasses	A
Mustard	C
Naptha	D
Napthalene	D
Nickel Chloride	A
Nickel Sulfate	A
Nitric Acid (10% Solution)	D
Nitric Acid (20% Solution)	D

Nitric Acid (50% Solution)	D
Nitric Acid	D
Nitrobenzene2	D
Oils	D
Anise	D
Bay	D
Bone	D
Castor	A
Cinnamon	D
Citric	D
Coconut	A
Cod Liver	B
Corn	D
Cotton Seed	D
Cresote2	B
Diesel Fuel (2D, 3D, 4D, 5D)	D
Potassium Sulfate	A
Propane (Liquified) 1 2	B
Propylene Glycol	C
Pyridine	D
Rum	A
Rust Inhibitors	C
Sea Water	B
Silicone	A
Silver Nitrate	A
Soap Solutions1	B
Sodium Acetate	C
Sodium Aluminate	A
Sodium Bicarbonate	A
Sodium Bisulfate	A
Sodium Bisulfite	A
Sodium Borate	A
Sodium Carbonate	A
Sodium Chlorate	A
Sodium Chloride	A
Sodium Chromate	A
Sodium Cyanide	A
Sodium Fluoride	D
Sodium Hydrosulfite	A
Sodium Hydroxide (20%)	B
Sodium Hydroxide (50% Solution)	C
Sodium Hydroxide (80% Solution)	C
Sodium Hypochlorite3 (to 20%)	D
Sodium Hypochlorite	A
Sodium Hyposulfate	C
Sodium Metaphosphate2	B
Sodium Metasilicate	A
Sodium Nitrate	B
Sodium Perborate	B
Sodium Peroxide	B
Sodium Polyphosphate	D
Sodium Silicate	A
Sodium Sulfate	A
Sodium Sulfide	A
Sodium Sulfite	A
Sodium Thiosulphate ("Hypo")	A
Sorghum	A
Soy Sauce	A

Stannic Chloride	A
Stannic Fluoborate	A
Stannous Chloride	D
Starch	A
Stearic Acid <sup>2</sup>	B
Stoddard Solvent	D
Styrene	D
Sugar (Liquids)	B
Sulfate Liquors	C
Sulfur Chloride	D
Sulfur Dioxide <sup>2</sup>	B
Sulfur Dioxide (dry)	D
Sulfur Trioxide (dry)	D
Sulfuric Acid (to 10%)	D
Sulfuric Acid (10%-75%) <sup>2</sup>	D
Sulfuric Acid 75%-100%	D
Sulfurous Acid	B
Syrup	B
Tannic Acid	A
Tartaric Acid	A
Tetrahydrofuran	D
Toluene, Toluol <sup>3</sup>	D
Tomato Juice	A
Trichlorethane	D
Trichlorethylene <sup>2</sup>	D
Trichloropropane	A
Tricresylphosphate	D
Triethylamine	B
Turpentine <sup>3</sup>	D
Urine	D
Vegetable Juice	D
Vinegar	B
Varnish (Use Viton for Aromatic)	D
Water, Acid, Mine	B
Water, Distilled, Lab Grade 7	B
Water, Fresh	B
Water, Salt	B
Weed Killers	C
Whiskey and Wines	A
White Liquor (Pulp Mill)	A
White Water (Paper Mill)	A
Xylene <sup>2</sup>	D
Zinc Chloride	A
Zinc Hydrosulphite	A
Zinc Sulfate	A