

Viton™ compatibility with chemicals

The chart below is a guide for checking the chemical compatibility of VITON™, (an FKM Rubber) with approximately 600 chemicals, solvents, alcohols and other products. It is for reference only and it is the responsibility of the user to determine the suitability of the product regarding purpose and to conduct their own testing to ensure satisfaction.

CHEMICAL	COMPATIBILITY
Acetaldehyde	D - Severe Effect
Acetamide	B - Good
Acetate Solvent	D - Severe Effect
Acetic Acid	B - Good
Acetic Acid 20%	B - Good
Acetic Acid 80%	B - Good
Acetic Acid, Glacial	D - Severe Effect
Acetic Anhydride	D - Severe Effect
Acetone	D - Severe Effect
Acetyl Bromide	N/A
Acetyl Chloride (dry)	A - Excellent
Acetylene	A - Excellent
Acrylonitrile	D - Severe Effect
Adipic Acid	A - Excellent
Alcohols: Amyl	A - Excellent
Alcohols: Benzyl	A - Excellent
Alcohols: Butyl	A - Excellent
Alcohols: Diacetone	D - Severe Effect
Alcohols: Ethyl	A - Excellent
Alcohols: Hexyl	C - Fair
Alcohols: Isobutyl	A - Excellent
Alcohols: Isopropyl	A - Excellent
Alcohols: Methyl	C - Fair
Alcohols: Octyl	B - Good
Alcohols: Propyl	A - Excellent
Aluminum Chloride	A - Excellent
Aluminum Chloride 20%	A - Excellent

CHEMICAL	COMPATIBILITY
Aluminum Fluoride	A - Excellent
Aluminum Hydroxide	A - Excellent
Aluminum Nitrate	A - Excellent
Aluminum Potassium Sulfate 10%	A - Excellent
Aluminum Potassium Sulfate 100%	A - Excellent
Aluminum Sulfate	A - Excellent
Alums	A - Excellent
Amines	D - Severe Effect
Ammonia 10%	D - Severe Effect
Ammonia Nitrate	D - Severe Effect
Ammonia, anhydrous	D - Severe Effect
Ammonia, liquid	D - Severe Effect
Ammonium Acetate	A - Excellent
Ammonium Bifluoride	A - Excellent
Ammonium Carbonate	A - Excellent
Ammonium Caseinate	N/A
Ammonium Chloride	A - Excellent
Ammonium Hydroxide	B - Good
Ammonium Nitrate	A - Excellent
Ammonium Oxalate	N/A
Ammonium Persulfate	A - Excellent
Ammonium Phosphate, Dibasic	A - Excellent
Ammonium Phosphate, Monobasic	A - Excellent
Ammonium Phosphate, Tribasic	A - Excellent
Ammonium Sulfate	A - Excellent

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CHEMICAL	COMPATIBILITY
Ammonium Sulfite	D - Severe Effect
Ammonium Thiosulfate	N/A
Amyl Acetate	D - Severe Effect
Amyl Alcohol	A - Excellent
Amyl Chloride	B - Good
Aniline	A - Excellent
Aniline Hydrochloride	A - Excellent
Antifreeze	A - Excellent
Antimony Trichloride	A - Excellent
Aqua Regia (80% HCl, 20% HNO ₃)	B - Good
Arochlor 1248	A - Excellent
Aromatic Hydrocarbons	A - Excellent
Arsenic Acid	A - Excellent
Arsenic Salts	A - Excellent
Asphalt	A - Excellent
Barium Carbonate	A - Excellent
Barium Chloride	A - Excellent
Barium Cyanide	A - Excellent
Barium Hydroxide	A - Excellent
Barium Nitrate	A - Excellent
Barium Sulfate	A - Excellent
Barium Sulfide	A - Excellent
Beer	A - Excellent
Beet Sugar Liquids	A - Excellent
Benzaldehyde	D - Severe Effect
Benzene	A - Excellent
Benzene Sulfonic Acid	A - Excellent
Benzoic Acid	A - Excellent
Benzol	A - Excellent
Benzonitrile	N/A

CHEMICAL	COMPATIBILITY
Benzyl Chloride	A - Excellent
Bleaching Liquors	A - Excellent
Borax (Sodium Borate)	A - Excellent
Boric Acid	A - Excellent
Brewery Slop	A - Excellent
Bromine	A - Excellent
Butadiene	B - Good
Butane	A - Excellent
Butanol (Butyl Alcohol)	A - Excellent
Butter	A - Excellent
Buttermilk	A - Excellent
Butyl Amine	D - Severe Effect
Butyl Ether	D - Severe Effect
Butyl Phthalate	C - Fair
Butylacetate	D - Severe Effect
Butylene	A - Excellent
Butyric Acid	B - Good
Calcium Bisulfate	N/A
Calcium Bisulfide	A - Excellent
Calcium Bisulfite	A - Excellent
Calcium Carbonate	A - Excellent
Calcium Chlorate	A - Excellent
Calcium Chloride	A - Excellent
Calcium Hydroxide	A - Excellent
Calcium Hypochlorite	A - Excellent
Calcium Nitrate	A - Excellent
Calcium Oxide	B - Good
Calcium Sulfate	A - Excellent

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CHEMICAL	COMPATIBILITY
Calgon	A - Excellent
Cane Juice	A - Excellent
Carbolic Acid (Phenol)	A - Excellent
Carbon Bisulfide	A - Excellent
Carbon Dioxide (dry)	B - Good
Carbon Dioxide (wet)	B - Good
Carbon Disulfide	A - Excellent
Carbon Monoxide	A - Excellent
Carbon Tetrachloride	A - Excellent
Carbon Tetrachloride (dry)	A - Excellent
Carbon Tetrachloride (wet)	N/A
Carbonated Water	A - Excellent
Carbonic Acid	A - Excellent
Catsup	A - Excellent
Chloric Acid	N/A
Chlorinated Glue	A - Excellent
Chlorine (dry)	A - Excellent
Chlorine Water	A - Excellent
Chlorine, Anhydrous Liquid	A - Excellent
Chloroacetic Acid	D - Severe Effect
Chlorobenzene (Mono)	A - Excellent
Chlorobromomethane	A - Excellent
Chloroform	A - Excellent
Chlorosulfonic Acid	D - Severe Effect
Chocolate Syrup	A - Excellent
Chromic Acid 5%	A - Excellent
Chromic Acid 10%	B - Good
Chromic Acid 30%	A - Excellent
Chromic Acid 50%	A - Excellent
Chromium Salts	N/A

CHEMICAL	COMPATIBILITY
Cider	A - Excellent
Citric Acid	A - Excellent
Citric Oils	A - Excellent
Clorox® (Bleach)	A - Excellent
Coffee	A - Excellent
Copper Chloride	A - Excellent
Copper Cyanide	A - Excellent
Copper Fluoborate	A - Excellent
Copper Nitrate	A - Excellent
Copper Sulfate >5%	A - Excellent
Copper Sulfate 5%	A - Excellent
Cream	A - Excellent
Cresols	A - Excellent
Cresylic Acid	A - Excellent
Cupric Acid	A - Excellent
Cyanic Acid	A - Excellent
Cyclohexane	A - Excellent
Cyclohexanone	D - Severe Effect
Detergents	A - Excellent
Diacetone Alcohol	D - Severe Effect
Dichlorobenzene	C - Fair
Dichloroethane	C - Fair
Diesel Fuel	A - Excellent
Diethyl Ether	D - Severe Effect
Diethylamine	A - Excellent
Diethylene Glycol	A - Excellent
Dimethyl Aniline	D - Severe Effect
Dimethyl Formamide	C - Fair

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CHEMICAL	COMPATIBILITY
Diphenyl	A - Excellent
Diphenyl Oxide	A - Excellent
Dyes	A - Excellent
Epsom Salts (Magnesium Sulfate)	A - Excellent
Ethane	A - Excellent
Ethanol	A - Excellent
Ethanolamine	D - Severe Effect
Ether	C - Fair
Ethyl Acetate	D - Severe Effect
Ethyl Benzoate	A - Excellent
Ethyl Chloride	A - Excellent
Ethyl Ether	D - Severe Effect
Ethyl Sulfate	A - Excellent
Ethylene Bromide	A - Excellent
Ethylene Chloride	B - Good
Ethylene Chlorohydrin	A - Excellent
Ethylene Diamine	B - Good
Ethylene Dichloride	A - Excellent
Ethylene Glycol	A - Excellent
Ethylene Oxide	D - Severe Effect
Fatty Acids	A - Excellent
Ferric Chloride	A - Excellent
Ferric Nitrate	A - Excellent
Ferric Sulfate	A - Excellent
Ferrous Chloride	A - Excellent
Ferrous Sulfate	B - Good
Fluoboric Acid	B - Good
Fluorine	C - Fair
Fluosilicic Acid	B - Good
Formaldehyde 100%	D - Severe Effect

CHEMICAL	COMPATIBILITY
Formaldehyde 40%	A - Excellent
Formic Acid	C - Fair
Freon™ 113	B - Good
Freon™ 12	B - Good
Freon™ 22	D - Severe Effect
Freon™ TF	B - Good
Freon™ 11	B - Good
Fruit Juice	A - Excellent
Fuel Oils	A - Excellent
Furan Resin	D - Severe Effect
Furfural	D - Severe Effect
Gallic Acid	A - Excellent
Gasoline (high-aromatic)	A - Excellent
Gasoline, leaded, ref.	A - Excellent
Gasoline, unleaded	A - Excellent
Gelatin	A - Excellent
Glucose	A - Excellent
Glue, P.V.A.	B - Good
Glycerin	A - Excellent
Glycolic Acid	A - Excellent
Gold Monocyanide	A - Excellent
Grape Juice	A - Excellent
Grease	A - Excellent
Heptane	A - Excellent
Hexane	A - Excellent
Honey	A - Excellent
Hydraulic Oil (Petro)	A - Excellent
Hydraulic Oil (Synthetic)	A - Excellent

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Hydrazine	A - Excellent
Hydrobromic Acid 100%	A - Excellent
Hydrobromic Acid 20%	A - Excellent
Hydrochloric Acid 100%	A - Excellent
Hydrochloric Acid 20%	A - Excellent
Hydrochloric Acid 37%	A - Excellent
Hydrochloric Acid, Dry Gas	N/A
Hydrocyanic Acid	A - Excellent
Hydrocyanic Acid (Gas 10%)	A - Excellent
Hydrofluoric Acid 100%	B - Good
Hydrofluoric Acid 20%	A - Excellent
Hydrofluoric Acid 50%	B - Good
Hydrofluoric Acid 75%	B - Good
Hydrofluosilicic Acid 100%	A - Excellent
Hydrofluosilicic Acid 20%	A - Excellent
Hydrogen Gas	A - Excellent
Hydrogen Peroxide 10%	A - Excellent
Hydrogen Peroxide 100%	A - Excellent
Hydrogen Peroxide 30%	A - Excellent
Hydrogen Peroxide 50%	A - Excellent
Hydrogen Sulfide (aqua)	D - Severe Effect
Hydrogen Sulfide (dry)	D - Severe Effect
Hydroquinone	B - Good
Hydroxyacetic Acid 70%	A - Excellent
Ink	A - Excellent
Iodine	A - Excellent
Iodine (in alcohol)	N/A
Iodoform	N/A
Isooctane	A - Excellent
Isopropyl Acetate	D - Severe Effect

CHEMICAL	COMPATIBILITY
Isopropyl Ether	D - Severe Effect
Isotane	A - Excellent
Jet Fuel (JP3, JP4, JP5)	A - Excellent
Kerosene	A - Excellent
Ketones	D - Severe Effect
Lacquer Thinners	D - Severe Effect
Lacquers	D - Severe Effect
Lactic Acid	A - Excellent
Lard	A - Excellent
Latex	A - Excellent
Lead Acetate	D - Severe Effect
Lead Nitrate	A - Excellent
Lead Sulfamate	A - Excellent
Ligroin	A - Excellent
Lime	A - Excellent
Linoleic Acid	B - Good
Lithium Chloride	A - Excellent
Lithium Hydroxide	N/A
Lubricants	A - Excellent
Lye: Ca(OH) ₂ Calcium Hydroxide	B - Good
Lye: KOH Potassium Hydroxide	B - Good
Lye: NaOH Sodium Hydroxide	B - Good
Magnesium Bisulfate	N/A
Magnesium Carbonate	A - Excellent
Magnesium Chloride	A - Excellent
Magnesium Hydroxide	A - Excellent
Magnesium Nitrate	A - Excellent
Magnesium Oxide	C - Fair

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Magnesium Sulfate (Epsom Salts)	A - Excellent
Maleic Acid	A - Excellent
Maleic Anhydride	A - Excellent
Malic Acid	A - Excellent
Manganese Sulfate	A - Excellent
Mash	A - Excellent
Mayonnaise	A - Excellent
Melamine	A - Excellent
Mercuric Chloride (dilute)	A - Excellent
Mercuric Cyanide	A - Excellent
Mercurous Nitrate	A - Excellent
Mercury	A - Excellent
Methane	A - Excellent
Methanol (Methyl Alcohol)	C - Fair
Methyl Acetate	D - Severe Effect
Methyl Acetone	D - Severe Effect
Methyl Acrylate	D - Severe Effect
Methyl Alcohol 10%	C - Fair
Methyl Bromide	A - Excellent
Methyl Butyl Ketone	D - Severe Effect
Methyl Cellosolve	D - Severe Effect
Methyl Chloride	A - Excellent
Methyl Dichloride	A - Excellent
Methyl Ethyl Ketone	D - Severe Effect
Methyl Ethyl Ketone Peroxide	D - Severe Effect
Methyl Isobutyl Ketone	D - Severe Effect
Methyl Isopropyl Ketone	D - Severe Effect
Methyl Methacrylate	D - Severe Effect
Methylamine	D - Severe Effect
Methylene Chloride	B - Good

CHEMICAL	COMPATIBILITY
Milk	A - Excellent
Mineral Spirits	A - Excellent
Molasses	A - Excellent
Monochloroacetic acid	C - Fair
Monoethanolamine	D - Severe Effect
Morpholine	N/A
Motor oil	N/A
Mustard	D - Severe Effect
Naphtha	A - Excellent
Naphthalene	A - Excellent
Natural Gas	A - Excellent
Nickel Chloride	A - Excellent
Nickel Nitrate	A - Excellent
Nickel Sulfate	A - Excellent
Nitrating Acid	N/A
Nitric Acid (20%)	A - Excellent
Nitric Acid (50%)	A - Excellent
Nitric Acid (5-10%)	A - Excellent
Nitric Acid (Concentrated)	A - Excellent
Nitrobenzene	B - Good
Nitrogen Fertilizer	N/A
Nitromethane	D - Severe Effect
Nitrous Acid	B - Good
Nitrous Oxide	B - Good
Oils: Aniline	C - Fair
Oils: Anise	N/A
Oils: Bay	A - Excellent
Oils: Bone	A - Excellent

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CHEMICAL	COMPATIBILITY
Oils: Castor	A - Excellent
Oils: Cinnamon	A - Excellent
Oils: Citric	A - Excellent
Oils: Clove	A - Excellent
Oils: Coconut	A - Excellent
Oils: Cod Liver	A - Excellent
Oils: Corn	B - Good
Oils: Cottonseed	A - Excellent
Oils: Creosote	A - Excellent
Oils: Diesel Fuel (20, 30, 40, 50)	A - Excellent
Oils: Fuel (1, 2, 3, 5A, 5B, 6)	B - Good
Oils: Ginger	A - Excellent
Oils: Hydraulic Oil (Petro)	A - Excellent
Oils: Hydraulic Oil (Synthetic)	A - Excellent
Oils: Lemon	A - Excellent
Oils: Linseed	A - Excellent
Oils: Mineral	A - Excellent
Oils: Olive	A - Excellent
Oils: Orange	A - Excellent
Oils: Palm	A - Excellent
Oils: Peanut	A - Excellent
Oils: Peppermint	A - Excellent
Oils: Pine	A - Excellent
Oils: Rapeseed	A - Excellent
Oils: Rosin	A - Excellent
Oils: Sesame Seed	A - Excellent
Oils: Silicone	A - Excellent
Oils: Soybean	A - Excellent
Oils: Sperm (whale)	A - Excellent
Oils: Tanning	A - Excellent

CHEMICAL	COMPATIBILITY
Oils: Transformer	A - Excellent
Oils: Turbine	A - Excellent
Oleic Acid	B - Good
Oleum 100%	A - Excellent
Oleum 25%	A - Excellent
Oxalic Acid (cold)	A - Excellent
Ozone	A - Excellent
Palmitic Acid	A - Excellent
Paraffin	B - Good
Pentane	A - Excellent
Perchloric Acid	A - Excellent
Perchloroethylene	A - Excellent
Petrolatum	A - Excellent
Petroleum	A - Excellent
Phenol (10%)	A - Excellent
Phenol (Carbolic Acid)	A - Excellent
Phosphoric Acid (>40%)	A - Excellent
Phosphoric Acid (crude)	A - Excellent
Phosphoric Acid (molten)	N/A
Phosphoric Acid (Š40%)	A - Excellent
Phosphoric Acid Anhydride	N/A
Phosphorus	N/A
Phosphorus Trichloride	A - Excellent
Photographic Developer	A - Excellent
Photographic Solutions	B - Good
Phthalic Acid	A - Excellent
Phthalic Anhydride	A - Excellent
Picric Acid	A - Excellent

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CHEMICAL	COMPATIBILITY
Plating Solutions, Antimony Plating 130°F	A - Excellent
Plating Solutions, Arsenic Plating 110°F	A - Excellent
Plating Solutions, Brass Plating: High-Speed Brass Bath 110°F	A - Excellent
Plating Solutions, Brass Plating: Regular Brass Bath 100°F	A - Excellent
Plating Solutions, Bronze Plating: Cu-Cd Bronze Bath R.T.	A - Excellent
Plating Solutions, Bronze Plating: Cu-Sn Bronze Bath 160°F	A - Excellent
Plating Solutions, Bronze Plating: Cu-Zn Bronze Bath 100°F	A - Excellent
Plating Solutions, Cadmium Plating: Cyanide Bath 90°F	A - Excellent
Plating Solutions, Cadmium Plating: Fluoborate Bath 100°F	A - Excellent
Plating Solutions, Chromium Plating: Barrel Chrome Bath 95°F	C - Fair
Plating Solutions, Chromium Plating: Black Chrome Bath 115°F	C - Fair
Plating Solutions, Chromium Plating: Chromic-Sulfuric Bath 130°F	C - Fair
Plating Solutions, Chromium Plating: Fluoride Bath 130°F	C - Fair
Plating Solutions, Chromium Plating: Fluosilicate Bath 95°F	C - Fair
Plating Solutions, Copper Plating (Acid): Copper Fluoborate Bath 120°F	A - Excellent
Plating Solutions, Copper Plating (Acid): Copper Sulfate Bath R.T.	A - Excellent
Plating Solutions, Copper Plating (Cyanide): Copper Strike Bath 120°F	A - Excellent
Plating Solutions, Copper Plating (Cyanide): High-Speed Bath 180°F	A - Excellent
Plating Solutions, Copper Plating (Cyanide): Rochelle Salt Bath 150°F	A - Excellent
Plating Solutions, Copper Plating (Misc): Copper (Electroless)	A - Excellent

CHEMICAL	COMPATIBILITY
Plating Solutions, Copper Plating (Misc): Copper Pyrophosphate	A - Excellent
Plating Solutions, Gold Plating: Acid 75°F	A - Excellent
Plating Solutions, Gold Plating: Cyanide 150°F	A - Excellent
Plating Solutions, Gold Plating: Neutral 75°F	A - Excellent
Plating Solutions, Indium Sulfamate Plating R.T.	A - Excellent
Plating Solutions, Iron Plating: Ferrous Am Sulfate Bath 150°F	A - Excellent
Plating Solutions, Iron Plating: Ferrous Chloride Bath 190°F	A - Excellent
Plating Solutions, Iron Plating: Ferrous Sulfate Bath 150°F	A - Excellent
Plating Solutions, Iron Plating: Fluoborate Bath 145°F	A - Excellent
Plating Solutions, Iron Plating: Sulfamate 140°F	A - Excellent
Plating Solutions, Iron Plating: Sulfate-Chloride Bath 160°F	A - Excellent
Plating Solutions, Lead Fluoborate Plating	A - Excellent
Plating Solutions, Nickel Plating: Electroless 200°F	A - Excellent
Plating Solutions, Nickel Plating: Fluoborate 100-170°F	A - Excellent
Plating Solutions, Nickel Plating: High-Chloride 130-160°F	A - Excellent
Plating Solutions, Nickel Plating: Sulfamate 100-140°F	A - Excellent
Plating Solutions, Nickel Plating: Watts Type 115-160°F	A - Excellent
Plating Solutions, Rhodium Plating 120°F	A - Excellent
Plating Solutions, Silver Plating 80-120°F	A - Excellent

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Plating Solutions, Tin-Fluoborate Plating 100°F	A - Excellent
Plating Solutions, Tin-Lead Plating 100°F	A - Excellent
Plating Solutions, Zinc Plating: Acid Chloride 140°F	A - Excellent
Plating Solutions, Zinc Plating: Acid Fluoborate Bath R.T.	A - Excellent
Plating Solutions, Zinc Plating: Acid Sulfate Bath 150°F	A - Excellent
Plating Solutions, Zinc Plating: Alkaline Cyanide Bath R.T.	A - Excellent
Potash (Potassium Carbonate)	A - Excellent
Potassium Bicarbonate	A - Excellent
Potassium Bromide	A - Excellent
Potassium Chlorate	A - Excellent
Potassium Chloride	A - Excellent
Potassium Chromate	A - Excellent
Potassium Cyanide Solutions	A - Excellent
Potassium Dichromate	A - Excellent
Potassium Ferricyanide	A - Excellent
Potassium Ferrocyanide	A - Excellent
Potassium Hydroxide (Caustic Potash)	B - Good
Potassium Hypochlorite	N/A
Potassium Iodide	A - Excellent
Potassium Nitrate	A - Excellent
Potassium Oxalate	N/A
Potassium Permanganate	A - Excellent
Potassium Sulfate	A - Excellent
Potassium Sulfide	A - Excellent
Propane (liquified)	A - Excellent
Propylene	A - Excellent
Propylene Glycol	A - Excellent
Pyridine	D - Severe Effect

CHEMICAL	COMPATIBILITY
Pyrogallic Acid	A - Excellent
Resorcinal	A - Excellent
Rosins	A - Excellent
Rum	A - Excellent
Rust Inhibitors	A - Excellent
Salad Dressings	A - Excellent
Salicylic Acid	A - Excellent
Salt Brine (NaCl saturated)	A - Excellent
Sea Water	A - Excellent
Shellac (Bleached)	A - Excellent
Shellac (Orange)	A - Excellent
Silicone	A - Excellent
Silver Bromide	N/A
Silver Nitrate	A - Excellent
Soap Solutions	A - Excellent
Soda Ash (see Sodium Carbonate)	A - Excellent
Sodium Acetate	D - Severe Effect
Sodium Aluminate	A - Excellent
Sodium Benzoate	A - Excellent
Sodium Bicarbonate	A - Excellent
Sodium Bisulfate	A - Excellent
Sodium Bisulfite	A - Excellent
Sodium Borate (Borax)	A - Excellent
Sodium Bromide	A - Excellent
Sodium Carbonate	A - Excellent
Sodium Chlorate	A - Excellent
Sodium Chloride	A - Excellent
Sodium Chromate	A - Excellent

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Sodium Cyanide	A - Excellent
Sodium Ferrocyanide	A - Excellent
Sodium Fluoride	A - Excellent
Sodium Hydrosulfite	A - Excellent
Sodium Hydroxide (20%)	C - Fair
Sodium Hydroxide (50%)	D - Severe Effect
Sodium Hydroxide (80%)	D - Severe Effect
Sodium Hypochlorite (<20%)	A - Excellent
Sodium Hypochlorite (100%)	A - Excellent
Sodium Hyposulfate	N/A
Sodium Metaphosphate	A - Excellent
Sodium Metasilicate	A - Excellent
Sodium Nitrate	A - Excellent
Sodium Perborate	A - Excellent
Sodium Peroxide	A - Excellent
Sodium Polyphosphate	A - Excellent
Sodium Silicate	A - Excellent
Sodium Sulfate	A - Excellent
Sodium Sulfide	A - Excellent
Sodium Sulfite	A - Excellent
Sodium Tetraborate	A - Excellent
Sodium Thiosulfate (hypo)	A - Excellent
Sorghum	A - Excellent
Soy Sauce	A - Excellent
Stannic Chloride	A - Excellent
Stannic Fluoborate	A - Excellent
Stannous Chloride	A - Excellent
Starch	A - Excellent
Stearic Acid	A - Excellent
Stoddard Solvent	A - Excellent

CHEMICAL	COMPATIBILITY
Styrene	B - Good
Sugar (Liquids)	A - Excellent
Sulfate (Liquors)	A - Excellent
Sulfur Chloride	A - Excellent
Sulfur Dioxide	A - Excellent
Sulfur Dioxide (dry)	A - Excellent
Sulfur Hexafluoride	N/A
Sulfur Trioxide	A - Excellent
Sulfur Trioxide (dry)	A - Excellent
Sulfuric Acid (<10%)	A - Excellent
Sulfuric Acid (10-75%)	A - Excellent
Sulfuric Acid (75-100%)	A - Excellent
Sulfuric Acid (cold concentrated)	B - Good
Sulfuric Acid (hot concentrated)	A - Excellent
Sulfurous Acid	A - Excellent
Sulfuryl Chloride	N/A
Tallow	A - Excellent
Tannic Acid	A - Excellent
Tanning Liquors	A - Excellent
Tartaric Acid	A - Excellent
Tetrachloroethane	A - Excellent
Tetrachloroethylene	A - Excellent
Tetrahydrofuran	D - Severe Effect
Tin Salts	A - Excellent
Toluene (Toluol)	C - Fair
Tomato Juice	A - Excellent
Trichloroacetic Acid	C - Fair
Trichloroethane	A - Excellent

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Certificate No. RS 27920



Viton™ compatibility with chemicals

CHEMICAL	COMPATIBILITY
Trichloroethylene	A - Excellent
Trichloropropane	A - Excellent
Tricresylphosphate	A - Excellent
Triethylamine	D - Severe Effect
Trisodium Phosphate	A - Excellent
Turpentine	A - Excellent
Urea	A - Excellent
Uric Acid	N/A
Urine	A - Excellent
Varnish	A - Excellent
Vegetable Juice	A - Excellent
Vinegar	A - Excellent
Vinyl Acetate	A - Excellent
Vinyl Chloride	A - Excellent
Water, Acid, Mine	A - Excellent
Water, Deionized	A - Excellent
Water, Distilled	A - Excellent
Water, Fresh	A - Excellent
Water, Salt	A - Excellent
Weed Killers	A - Excellent
Whey	A - Excellent
Whiskey & Wines	A - Excellent
White Liquor (Pulp Mill)	A - Excellent
White Water (Paper Mill)	A - Excellent
Xylene	B - Good
Zinc Chloride	A - Excellent
Zinc Hydrosulfite	N/A
Zinc Sulfate	A - Excellent

Ratings

A = Excellent - <10% volume swell. Elastomer may exhibit slight swelling and/or loss of physical properties

B = Good - 10-30% volume swell. Elastomer affected by chemical exposure (slight visible swelling and/or loss of physical properties).

C = Fair - 30-50% volume swell. Elastomer affected by chemical exposure (moderate to severe swelling and/or loss of physical properties. Limited functionality possible but must be determined by testing).

D = Severe Effect - >50% volume swell. Elastomer shows extreme volume swell and/or loss of physical properties. Not recommended for ANY use.

N/A = Information not available.

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