

Viton Gaskets Compatibility List

High Resistance

- Acetylene
- ACRONAL® dispersions (polyacrylic acid esters for adhesives)
- Adipic acid - aqueous solution
- Albumin solutions
- Alum - aqueous solution (potassium aluminum sulphate)
- Aluminum fluoride - aqueous solution
- Aluminum acetate - aqueous solution
- Aluminum chloride - water
- Aluminum sulfate - water
- Amino acetic acid (glycolic)
- Ammonium acetate - aqueous solution
- Ammonium carbonate - aqueous solution
- Ammonium chloride aqueous solution
- Ammonium citrate aqueous solution
- Ammonium fluoride - aqueous solution
- Ammonium fluorosilicate - aqueous solution
- Ammonium formate - aqueous solution
- Ammonium nitrate aqueous solution
- Ammonium oxalate solution - aqueous solution
- Ammonium persulphate - aqueous solution
- Ammonium phosphate aqueous solution
- Ammonium sulphate - aqueous solution
- Ammonium sulfite - aqueous solution
- Ammonium thiocyanate aqueous solution
- Amyl alcohols - pure
- Anthraquinone blue sulphonic acid - water
- Antifreeze (ethylene glycol)
- Antifrogen®
- Apple acid - aqueous solution
- Arabic acid - aqueous solution
- Argon
- Arsenic acid aqueous solution
- Arsenic trichloride aqueous solution
- Ascorbic acid - aqueous solution
- Aspartic acid - aqueous solution
- ASTM oil does not. 1
- ASTM oil does not. 2
- Barium and polysulfide - aqueous solution
- Barium chlorate aqueous solution
- Barium hydroxide aqueous solution

- Beeswax
- Benzaldehyde - aqueous solution
- Benzenesulfonic acid aqueous solution
- Benzidine sulphonic acid aqueous solution
- Benzoic acid - aqueous solution
- Bhutan (gas and liquid)
- Bisulfite - aqueous solution (sodium hydrogen sulfite)
- Bone oil
- Borax - aqueous solution
- Boric acid - aqueous solution
- Brines
- Butylene (Liquid) - pure
- Calcium bisulfite - aqueous solution
- Calcium chloride aqueous solution
- Calcium hydroxide - aqueous solution
- Calcium nitrate - aqueous solution
- Calcium sulfamic acid - aqueous solution
- Camphor oil
- Car battery fluid (20% sulfuric acid)
- Carbon dioxide (CO₂, carbonic acid) - dry
- Carbon dioxide (CO₂, carbonic acid) - liquid
- Carbon monoxide (CO)
- Carbonic acid - aqueous solution
- Chlophene (Chlorinated diphenyl)
- Chlorophenoxyacetic acid
- Choline chloride - water
- Chromic acid - aqueous solution
- Chromium alum - aqueous solution
- Chromium sulphate - water
- Citric acid - aqueous solution
- Cod liver oil
- Copper acetate - aqueous solution
- Copper chloride - aqueous solution
- Copper sulphate - aqueous solution
- Cyclanone (fatty alcohol sulfonate)
- Cyclohexanol - pure
- Decahydronaphthalene (Decal) - pure
- Desmodur T (Polyisocyanate)
- Desmophen (saturated polyester)
- Dextrin - aqueous solution
- Dextrose - aqueous solution
- Dicyclohexyl ammonium nitrite
- Diesel - pure
- Ethane

- Ethanol - fermentation mash
- Ethylene
- Ethylene glycol - water (glycol)
- Fatty alcohol sulfates - aqueous solution
- Fatty alcohols
- Ferrous / iron sulphate - aqueous solution
- Ferrous/iron chloride aqueous solution
- Flue gases containing carbon dioxide
- Flue gases containing carbon monoxide
- Flue gases containing hydrogen fluoride
- Flue gases containing sulfur dioxide (dry)
- Flue gases containing sulfur oxide (dry)
- Flue gases containing sulfuric acid (sulfur trioxide wet)
- Fluoric acid (borofluoric acid)
- Formaldehyde - aqueous solution
- Formic acid - aqueous solution
- Freon 113
- Freon TF (Freon 113)
- Fumes containing hydrochloric acid
- Fumes containing nitrous gases
- Gas for lighting
- Gelatin - aqueous solution
- Glucose - aqueous solution
- Glycerine - aqueous solution
- Glycocoll - water (aminoacetic acid)
- Glycol - aqueous solution
- Glycolic acid - aqueous solution
- Grape sugar - aqueous solution
- Helium
- Heptane, hexane (petrol) - pure
- Hexamethylenetetramine - aqueous solution
- Humic acids
- Hydraulic fluids, oil-in-water emulsions (HSA)
- Hydraulic fluids, polyglycol-water solutions (HSC)
- Hydraulic fluids, water-in-oil emulsions (HSB)
- Hydrazine hydrate - aqueous solution
- Hydrocyanic acid
- Hydrogen - pure
- Hydrogen bromide - water
- Hydrogen peroxide 0.5%
- Hydrogen sulfide - aqueous solution
- Hydroquinone - aqueous solution
- Hydroxylamine sulphate - aqueous solution
- Inert gases

- Isobutyl alcohol - pure
- Iso-octane - pure
- Isopropanol - pure (propanol)
- Kerosene - pure
- Kerosene L
- Lactic Acid
- Lead acetate - aqueous solution
- Lead nitrate - aqueous solution
- Lithium chloride - water
- Lubricating oils (mineral oils; machine oils)
- Magnesium chloride aqueous solution
- Magnesium sulphate - water
- Maleic acid - aqueous solution
- Manganese chloride
- Manganese sulphate
- Marsh gas (methane)
- Mercury
- Mercury chloride
- Mercury salts - aqueous solution
- Mersols (alkane sulphonic acid chloride)
- Methane - pure
- Methoxybutanol
- Mineral oils - free of aromatic hydrocarbons
- Molasses
- Natural gas
- Nickel sulfate - aqueous solution
- Nitric acid - water (40%)
- Nitrobenzoic acids - aqueous solution
- Nitrogen
- Oxalic acid - aqueous solution
- Oxygen (pressure not permitted)
- Peracetic Acid-Water (6%)
- Petrol (gasoline)
- Petrol (gasoline)
- Petroleum
- Phosgene (gaseous) - pure
- Phosphoric acid - aqueous solution
- Pine needle oil
- Pine oil
- Potash (potassium carbonate)
- Potassium aluminum sulphate - aqueous solution (alum)
- Potassium bifluoride aqueous solution
- Potassium bromate aqueous solution
- Potassium bromide aqueous solution

- Potassium carbonate - aqueous solution (potash)
- Potassium chloride aqueous solution
- Potassium cyanide - aqueous solution
- Potassium ferricyanide (red potassium blood leachate) aqueous solution
- Potassium ferrocyanide (yellow potassium hydroxide salt) aqueous solution
- Potassium iodide aqueous solution
- Potassium nitrate - aqueous solution
- Potassium nitrite - aqueous solution
- Potassium phosphate - aqueous solution
- Potassium sulfate - aqueous solution
- Potassium sulfide aqueous solution
- Potassium sulfite - aqueous solution
- Propane (liquid and gas) - pure
- Propanol (isopropanol)
- Propyleneglycol - pure
- Pydraul-A 150
- Pydraul-A 200
- Pydraul-AG
- Pydraul-F-9
- Silicone oil
- Silver nitrate - aqueous solution
- Soda (sodium carbonate)
- Sodium - aqueous solution
- Sodium arsenate, sodium arsenite
- Sodium benzoate - aqueous solution
- Sodium bicarbonate - aqueous solution
- Sodium bisulphate - aqueous solution
- Sodium bisulfite aqueous solution
- Sodium bromate aqueous solution
- Sodium bromide aqueous solution
- Sodium carbonate (soda)
- Sodium chloride - water (table salt)
- Sodium chloroacetates
- Sodium cyanide aqueous solution
- Sodium dodecyl benzene sulfonate
- Sodium fluoride aqueous solution
- Sodium glutamate
- Sodium iodide aqueous solution
- Sodium mercaptobenzothiazole
- Sodium nitrate - aqueous solution
- Sodium nitrite - aqueous solution
- Sodium pentachlorophenolate
- Sodium perborate - aqueous solution
- Sodium persulphate - aqueous solution

- Sodium phosphate - aqueous solution
- Sodium propionate
- Sodium pyrosulfite
- Sodium silicate aqueous solution
- Sodium stannate
- Sodium sulphate - aqueous solution
- Sodium sulfite - aqueous solution
- Sodium tartrate
- Sodium thiosulphate - aqueous solution
- Sodium zincate
- Spindle oil (mineral oils)
- Starch solutions
- Stearic Acid
- Succinic acid - aqueous solution
- Sulfur chlorides and oxychlorides
- Sulfur hexafluoride
- Sulfur dioxide (gas) - dry
- Sulfur dioxide (gas) - wet
- Sulfuric acid - aqueous solution
- Table salt (sodium chloride)
- Tannic acid
- Tartaric acid - aqueous solution
- Technical oils (see paraffin oils, mineral oils; lubricating oils)
- Tetra-ethyl lead
- Tetraethyl lead - pure (tetraethyl lead)
- Tetrahydronaphthalene (tetraline) - pure
- Tin chlorides (Tin and stanni chlorides) - aqueous solution
- Uranium hexafluoride
- Urea - aqueous solution
- Varnish
- Vaseline oil (mineral oils)
- Vinegar
- Vinyl acetate pure
- Vinyl chloride pure
- Water - seawater
- Water glass (sodium silicate)
- Xenon
- Yeast - aqueous solution
- Zinc chloride aqueous solution
- Zinc sulphate - aqueous solution

Limited Resistance

- Acetaldehyde - aqueous solution
- Allyl alcohol - aqueous solution
- Ammonia - anhydrous (liquid) (spreads through EPDM; attacks epoxy materials)
- Ammonia solution (ammonium hydroxide + water)
- Ammonium hydroxide + water (ammonia solution)
- Ammonium sulfide aqueous solution
- Aniline - pure
- Aryl silicates - aqueous solution
- ASTM fuel A
- ASTM fuel B
- ASTM fuel C
- ASTM oil does not. 3
- Benzyl alcohol - pure
- Bleach (sodium hypochlorite)
- butadiene
- Butanediol - aqueous solution (10%)
- Butanol - aqueous solution (butyl alcohol)
- Butinediol
- Butoxy group (methoxybutyl acetate)
- Butyl alcohol (butanol) - aqueous solution
- Butyric acid - aqueous solution
- Calcium hypochlorite - aqueous solution
- Carbitol
- Carboic acid aqueous solution (Phenol)
- Carbolineum
- Carbon disulfide
- Carbon tetrachloride - pure
- Castor oil
- Caustic Soda - aqueous solution (sodium hydroxide)
- Chloral hydrate (chloral) - aqueous solution
- Chlorinated water (chlorine gas - wet)
- Chlorine (gas) - dry
- Chlorine (gas) - Wet (chlorinated water)
- Chlorine (liquid) - pure
- Chloroethanol (ethylene chlorhydrin)
- Chloroform - pure (chloroform)
- Chloronaphtalene
- Coconut oil
- Cotton seed oil
- Cresol aqueous solution (Lysol)
- Cyclohexane - pure
- Detergents (synthetic detergents)
- Dichlorethylene - pure

- Dichloromethane (methylene chloride)
- Dioctylphthalate - pure
- Ethanol - aqueous solution (ethyl alcohol)
- Ethanol - denatured (dependent denaturant)
- Ethyl alcohol - aqueous solution (ethanol)
- Ethyl alcohol + acetic acid
- Ethyl chloride - pure
- Ethylbenzene - pure
- Ethylene chlorhydrin (chloroethanol)
- Ethylenediamine - pure
- Fats, fatty oils
- Fluorine (dry) - pure
- Fluorosilic acid - aqueous solution
- Formamide - pure
- Freon 12
- Freon 13
- Freon 13 B 1 (Halon)
- Freon 23
- Fruit tree carbolineum
- Fuel oil
- Gas drink
- Gasoline (petrol)-benzene blend (super / premium fuel + methanol)
- Hair shampoo
- Hydraulic fluids, mineral oils (H, H-L, H-LP)
- Hydraulic fluids, phosphoric acid ester (HSD)
- Hydrochloric acid - aqueous solution
- Hydrochloric acid (gas) - pure
- Iodine + potassium iodide - aqueous solution
- Iodine tincture
- Lime chloride - aqueous solution (calcium hypochlorite)
- Linoleic acid
- Linseed oil
- Lubricating oil for drills and saws
- Lysol (cresols)
- Mercaptans
- Methylamine - aqueous solution
- Methylene chloride (dichloromethane)
- Morpholine - pure
- Nitrobenzenes - pure
- Nitrotoluenes (o-, m-, p-) - pure
- Nitrous oxide
- Oleum (fuming sulfuric acid)
- Olive oil
- Ozone - wet and dry

- Perchloroethylene (PCE) - pure
- Phenol - aqueous solution
- Phosgene (liquid) - pure
- Phosphorus chloride - pure
- Photo emulsions, developers, fixers
- Picric acid (trinitrophenol)
- Pine (turpentine oil)
- Potassium chlorate - aqueous solution
- Potassium chromate aqueous solution
- Potassium dichromate aqueous solution
- Potassium hydroxide aqueous solution
- Potassium hydroxide aqueous solution (caustic potash)
- Potassium hypochlorite - aqueous solution
- Potassium persulphate - aqueous solution
- Sagrotan (phenols)
- Skydrol 500
- Soap solution - aqueous solution
- Sodium chlorate aqueous solution
- Sodium chlorite - aqueous solution
- Sodium chromate aqueous solution
- Sodium hydroxide - water (caustic soda)
- Sodium hypochlorite (bleach)
- Solvent naphtha (Shellsol D 60 and D 70)
- Styrene
- Sulfur dioxide (liquid) - anhydrous
- Sulfuric acid
- Tallolie
- Tar oil (carbolineum)
- Tetrachloroethylene (perchloroethylene)
- Trichloroethylene - pure
- Trichloromethane (methanol)
- Turpentine (turpentine oil) - pure
- Turpentine substitute
- Water - distilled