

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greeley, CO 80631

Product Series: Product Type: Housing Material: Diaphragm Material: Inlet: **Outlet:** Max Operating Temp: 250.00°F / 121.11°C Min Operating Temp: **Product SKU:**

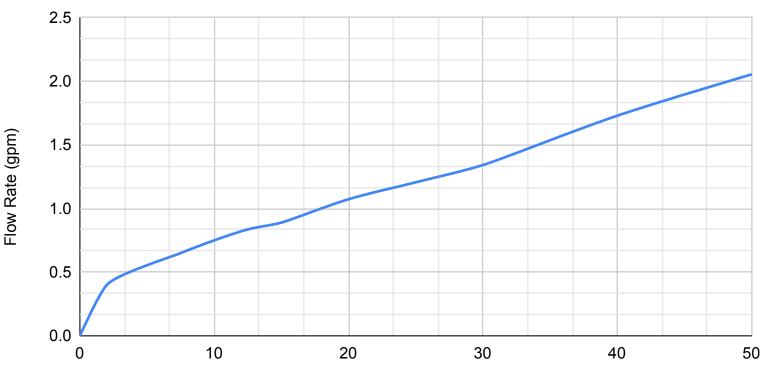
MPVC Inline Check Valve Cleanroom **Kynar** 0.020" Fluorosilicone Natrual Kynar 720 Grey Kynar 720 -40.00°F / -40.00°C 00100006

Physical Properties

Size and Weight: 1.375 Long 0.750 Wide, 3.12g Max Operating Tensile Stress: 10 lbs Max Allowable Leak Rate: 0.009 cm^3/sec @ 15 psi (air) Max Operating Pressure: 15 psi (air) 0.0 psi (Normally Open) Cracking Pressure: Required Sealing Back Pressure: Less than 0.1 psi (air)

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greelev, CO 80631

Flow Rate (Gpm) vs. Test Pressure (Psi)



Test Pressure (psi)

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greeley, CO 80631

Pneuline Supply, Inc. DATA SHEET

MPVC-2B-KFS020 Chemical Compatibility Information

Inline diagphram type check valves, all types of filters, self-sealing check valves, ball type check valves, and spring loaded check valves are all products that can, and typically do, contain multiple types of different materials. The chemical compatibility of the whole product is limited to those chemicals which are compatible with all of the materials present in the product. Pneuline has compiled an extensive list of various chemical compatibility ratings for the different materials that we use to manufacture our products, and have provided a list of chemical compatibility ratings for each specific product based on the materials used in that product.

The rating system is as follows:

- **A = Excellent** -- The product is fully compatible with the chemical and is recommended for continuous use within the normal operating parameters of the product (temprature, pressure, etc).
- **B** = **Adequate** -- The chemical causes a minor effect to the product, slight corrosion or discoloration, minor loss in performance or slightly shortened operating lifespan.
- **C** = **Not Ideal** -- The chemical has a pronounced effect on the product and will degrade it. Material softening, swelling, loss of strength, corrosion, and discoloration may occur. Use only for limited timespans and replace often.
- **D** = Severe Effect -- The chemical has a severe adverse affect on the product and will likely destroy it. Not reccomended for use.
- N/A = No Data Available -- One or more of the materials in the product has an unknown compatibility with the chemical.

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greeley, CO 80631

Pneuline Supply, Inc. DATA SHEET

MPVC-2B-KFS020

Chemical Substance	Rating	Chemical Substance	Rating
Acetaldehyde	D	Barium Carbonate	A
Acetamide	С	Barium Chloride	А
Acetic Acid	В	Barium Hydroxide	А
Acetic Acid 20%	В	Barium Nitrate	А
Acetic Acid 80%	В	Barium Sulfate	N/A
Acetic Acid, Glacial	В	Beer	Â
Acetic Anhydride	D	Benzaldehyde	D
Acetone	D	Benzene	С
Acetyl Chloride (dry)	А	Benzoic Acid	В
Acetylene	N/A	Benzol	В
Alcohols: Amyl	Â	Bromine	В
Alcohols: Butyl	А	Butadiene	А
Alcohols: Ethyl	А	Butane	С
Alcohols: Isopropyl	В	Butanol (Butyl Alcohol)	А
Alcohols: Methyl	А	Buttermilk	А
Aluminum Chloride 20%	А	Butyl Amine	D
Aluminum Hydroxide	N/A	Butyl acetate	D
Aluminum Nitrate	N/A	Butyric Acid	N/A
Aluminum Potassium Sulfate 10%	В	Calcium Bisulfite	С
Aluminum Potassium Sulfate 100%	С	Calcium Carbonate	А
Aluminum Sulfate	A	Calcium Hydroxide	А
Amines	D	Calcium Hypochlorite	В
Ammonia 10%	D	Calcium Nitrate	А
Ammonia, anhydrous	D	Calcium Sulfate	А
Ammonia, liquid	D	Carbolic Acid (Phenol)	А
Ammonium Chloride	N/A	Carbon Disulfide	С
Ammonium Hydroxide	A	Carbon Tetrachloride	В
Ammonium Phosphate, Dibasic	N/A	Carbonic Acid	А
Ammonium Sulfate	N/A	Chlorine (dry)	В
Amyl Acetate	D	Chlorine Water	N/A
Amyl Alcohol	A	Chlorine, Anhydrous Liquid	N/A
Aniline	С	Chloroacetic Acid	D
Aqua Regia (80% HCl, 20% HNO3)	N/A	Chlorobenzene (Mono)	В
Arsenic Acid	Α	Chloroform	D
Asphalt	В	Chlorosulfonic Acid	D

The information in this chart has been compiled from several sources and as such Pneuline makes no guarantee as to the accuracy or completeness of the information. This chart is ONLY to be used as a guide in selecting the appropriate product for a particular use case. A product's resistance to chemical exposure will vary based on a variety of factors including: temprature, exposure time, quantity, concentration, and purity of chemicals, presense or absence of catalyzing agents, and pressure. Ratings listed in this chart apply for a limited exposure time (normally 48 hours) and as such Pneuline offers NO warranty (express or implied) that a particular product will perform adequately in a given environment.

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greeley, CO 80631

Chemical Substance Chemical Substance Rating Rating Ferric Sulfate Chocolate Svrup N/A А Chromic Acid 10% В Ferrous Chloride N/A Chromic Acid 30% В Ferrous Sulfate А Fluorine Chromic Acid 5% В N/A С Chromic Acid 50% Fluorosilicic Acid N/A Chromic Acid 80% D Formaldehyde 100% D Cider А Formaldehyde 40% D Citric Acid А Formic Acid N/A Copper Cyanide А Fuel Oils В Copper Nitrate N/A Furfural (Furfuraldehyde) N/A Copper Sulfate (more than 5%) Gasoline (high-aromatic) А А Copper Sulfate 5% Gasoline, leaded, ref. А А Gasoline, unleaded Cresols N/A А Cresvlic Acid N/A Glucose А Cyclohexane Glvcerin А А D С Cyclohexanone Heptane С Detergents А Hexane В Dichloroethane Honev А А Hydrochloric Acid 100% D Diesel Fuel С D Hydrochloric Acid 20% Diethylamine Diethylene Glycol А Hydrochloric Acid 37% С Hydrofluoric Acid 100% **Dimethyl Aniline** В N/A D Dimethyl Formamide Hydrofluoric Acid 20% N/A Epsom Salts (Magnesium Sulfate) Hydrofluoric Acid 50% А N/A Ethanol A Hvdrofluoric Acid 75% N/A Ethyl Acetate D Hydrogen Peroxide 10% А Ethyl Chloride A Hydrogen Peroxide 100% В В Ethylene Chloride Hydrogen Peroxide 30% А Ethylene Chlorohydrin В Hydrogen Peroxide 50% В Ethylene Dichloride С Hydrogen Sulfide (aqua) С D Ethylene Glycol А Isopropyl Acetate D D Ethylene Oxide Isopropyl Ether Fatty Acids Jet Fuel (JP3, JP4, JP5) В N/A Kerosene Ferric Chloride А А Ferric Nitrate Ketones D А

The information in this chart has been compiled from several sources and as such Pneuline makes no guarantee as to the accuracy or completeness of the information. This chart is ONLY to be used as a guide in selecting the appropriate product for a particular use case. A product's resistance to chemical exposure will vary based on a variety of factors including: temprature, exposure time, quantity, concentration, and purity of chemicals, presense or absence of catalyzing agents, and pressure. Ratings listed in this chart apply for a limited exposure time (normally 48 hours) and as such Pneuline offers NO warranty (express or implied) that a particular product will perform adequately in a given environment.

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greeley, CO 80631

Pneuline Supply, Inc. DATA SHEET

MPVC-2B-KFS020

Lacquer ThinnersDNitrobenzeneDLacquersDNitrobenzeneDLactic AcidBOils: CitricALardAOils: CitricALardAOils: CitricALubricantsBOils: NineralALye: Ca(OH)2 Calcium HydroxideCOzoneALye: Ca(OH)2 Calcium HydroxideCOzoneALye: NoP Hostasium HydroxideCParaffinALye: NoP Hostasium HydroxideN/APerchloroethyleneBMagnesium NitrateAPerchloroethyleneBMagnesium Suffate (Epsom Salts)APhenol (Carbolic Acid)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMethanol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl CellosolveDPotassium ChlorideAMethyl CellosolveDPotassium ChlorideAMethyl CellosolveDPotassium ChlorideAMethyl CellosolveDPotassium ChlorideAMethyl ChorideBPotassium ChlorideAMethyl LellosolveDPotassium NitrateAMethyl Ethyl KetoneDPotassium NitrateAMethyl Ethyl KetoneBPotassium NitrateAMethyl Ethyl KetoneBPotassium NitrateAMethyl Ethyl KetoneBPotassium NitrateAMitra Add (Convert rateAPropane (liquefied)B	Chemical Substance	Rating	Chemical Substance	Rating
LacquersDNitromethaneDLactic AcidBOils: CitricALardAOils: Fuel Oil (1, 2, 3, 5A, 5B, 6)BLead SulfamateAOils: MineralALubricantsBOils: OliveALye: Ca(OH)2 Calcium HydroxideAOils: PineALye: KOH Potassium HydroxideCOzoneALye: NOH Sodium HydroxideCParaffinAMagnesium ChlorideAPentaneCMagnesium HydroxideCParaffinAMagnesium NitrateAPhenol (10%)AMagnesium Sulfate (Epson Salts)APhenol (Carbolic Acid)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMethyl Alcohol)APhosphoric Acid (crude)BMethyl Alcohol 10%APhotographic SolutionsBMethyl Alcohol 10%APhotographic Acid (crude)BMethyl Alcohol 10%APhotographic AcidAMethyl ChlorideBPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl ElfolsolveDPotassium ChlorateAMethyl ElfolsolveDPotassium DiragnateAMethyl ElfolsolveBPotassium NitrateAMethyl ElfolsolveBPotassium NitrateAMethyl ElfolsolveBPotassium NitrateAMethyl ElfolsolveBPotassium NitrateA<	Lacquer Thinners	D	Nitrobenzene	D
Lactic AcidBOils: CitricALardAOils: Fuel Oil (1, 2, 3, 5A, 5B, 6)BLed SulfamateAOils: MineralALubricantsBOils: OliveALye: Ca(OH)2 Calcium HydroxideCOzoneALye: NoH Potassium HydroxideCOzoneALye: NaOH Sodium HydroxideCParaffinAMagnesium ChlorideAPerchloroethyleneBMagnesium NitrateAPhenol (10%)AMagnesium NitrateAPhenol (Carbolic Acid)AMagnesium NitrateAPhenol (Carbolic Acid)AMagnesium Sulfate (Epsom Salts)APhosphoric Acid (more than 40%)CMetruric Chloride (dilute)N/APhosphoric Acid (rude)BMethyl AcctateDPhotographic SolutionsBMethyl Acctol 10%APictassium BromideAMethyl CollosolveDPotassium ChlorideAMethyl CollosolveDPotassium BromideAMethyl CollosolveDPotassium BromideAMethyl CollosolveDPotassium BromideAMethyl ChlorideBPotassium Hydroxide (Caustic Potash)CMikAPotassium BromateAMethyl CollosolveDPotassium BromideAMethyl CollosolveDPotassium BromideAMethyl CollosolveBPotassium BromateAMethyl ColorideBPotassium Permanganate	•	D		D
Lead SulfamateAOils: MineralALubricantsBOils: OliveALye: Ca(OH)2 Calcium HydroxideAOils: OliveALye: Ca(OH)2 Calcium HydroxideCOzoneALye: NaOH Sodium HydroxideCParaffinAMagnesium ChlorideAPertaneCMagnesium NitrateAPerchloroethyleneBMagnesium Sulfate (Epsom Salts)APhenol (10%)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (less than 40%)CMethaol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsBMethyl Alcohol 10%APicric AcidBMethyl Alcohol 10%APicric AcidAMethyl Butyl KetoneDPotassium BromideAMethyl Butyl KetoneDPotassium ChlorateAMethyl ChorideBPotassium DichromateAMethyl Ethyl KetoneDPotassium DichromateAMilikAPotassium SulfateAMineral SpiritsBPotassium SulfateAMistardAPropane (liquefied)BMitric Acid (20%)N/ASiliconeCNickel ChlorideASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSiliver NitrateA <tr <tr="">N</tr>	•	В	Oils: Citric	А
Lead SulfamateAOils: MineralALubricantsBOils: OliveALye: Ca(OH)2 Calcium HydroxideAOils: OliveALye: Ca(OH)2 Calcium HydroxideCOzoneALye: NaOH Sodium HydroxideCParaffinAMagnesium ChlorideAPertaneCMagnesium NitrateAPerchloroethyleneBMagnesium Sulfate (Epsom Salts)APhenol (10%)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (less than 40%)CMethaol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsBMethyl Alcohol 10%APicric AcidBMethyl Alcohol 10%APicric AcidAMethyl Butyl KetoneDPotassium BromideAMethyl Butyl KetoneDPotassium ChlorateAMethyl ChorideBPotassium DichromateAMethyl Ethyl KetoneDPotassium DichromateAMilikAPotassium SulfateAMineral SpiritsBPotassium SulfateAMistardAPropane (liquefied)BMitric Acid (20%)N/ASiliconeCNickel ChlorideASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSiliver NitrateA <tr <tr="">N</tr>	Lard	А	Oils: Fuel Oil (1, 2, 3, 5A, 5B, 6)	В
Lye: Ca(OH)2 Calcium HydroxideALye: KOH Potassium HydroxideCOzoneALye: NaOH Sodium HydroxideCParaffinAMagnesium ChlorideAPentaneCMagnesium NitrateAPenchloroethyleneBMagnesium Sulfate (Epsom Salts)APhenol (10%)AMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsBMethyl AcetateDPotassium ChlorateAMethyl CellosolveDPotassium ChlorateAMethyl CellosolveDPotassium ChlorateAMethyl Eulyl KetoneDPotassium ChlorateAMethyl Eulyl KetoneBPotassium ChlorateAMethyl Ethyl RetoneBPotassium SulfateAMethyl Ethyl RetoneBPotassium SulfateAMineral SpiritsBPotassium SulfateAMineral SpiritsAPropane (liquefied)BNickel ChlorideAPropane (liquefied)BNickel SulfateAPropane (liquefied)AMitric Acid (20%)N/ASiliconeCNitric Acid (50%)N/ASoap SolutionsA	Lead Sulfamate	А		А
Lye: KOH Potassium HydroxideCOzoneALye: NaOH Sodium HydroxideCParaffinAMagnesium ChlorideAPentaneCMagnesium HydroxideN/APerchloroethyleneBMagnesium Sulfate (Epsom Salts)APhenol (10%)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethyl AcetateDPhotographic SolutionsBMethyl AcetateDPotassium ChlorideAMethyl Reconol 10%APicric AcidBMethyl Reconol 10%APicric AcidBMethyl Reconol 10%APicric AcidBMethyl Reconol 10%APicric AcidBMethyl Reconol 10%APicric AcidAMethyl Reconol 10%APicric AcidAMethyl ChlorideBPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl EndorideBPotassium NitrateAMethyl EndorideBPotassium NitrateAMethylene ChlorideBPotassium NitrateAMineral SpiritsBPotassium NitrateAMustardAPropane (liquefied)BNaphthaAPropane (liquefied)ANickel KintrateASea WaterN/ANickel SulfateASea WaterN/ANitric Acid (25%)N/ASilver Nitr	Lubricants	В	Oils: Olive	А
Lye: KOH Potassium HydroxideCOzoneALye: NaOH Sodium HydroxideCParaffinAMagnesium ChlorideAPentaneCMagnesium HydroxideN/APerchloroethyleneBMagnesium Sulfate (Epsom Salts)APhenol (10%)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethyl AcetateDPhotographic SolutionsBMethyl AcetateDPotassium ChlorideAMethyl Reconol 10%APicric AcidBMethyl Reconol 10%APicric AcidBMethyl Reconol 10%APicric AcidBMethyl Reconol 10%APicric AcidBMethyl Reconol 10%APicric AcidAMethyl Reconol 10%APicric AcidAMethyl ChlorideBPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl EndorideBPotassium NitrateAMethyl EndorideBPotassium NitrateAMethylene ChlorideBPotassium NitrateAMineral SpiritsBPotassium NitrateAMustardAPropane (liquefied)BNaphthaAPropane (liquefied)ANickel KintrateASea WaterN/ANickel SulfateASea WaterN/ANitric Acid (25%)N/ASilver Nitr	Lye: Ca(OH)2 Calcium Hydroxide	А	Oils: Pine	А
Lye: NaOH Sodium HydroxideCParaffinAMagnesium ChlorideAPentaneCMagnesium HydroxideN/APerchloroethyleneBMagnesium NitrateAPhenol (10%)AMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsBMethyl AcetateDPotassium BromideAMethyl Butyl KetoneDPotassium ChlorateAMethyl CellosolveDPotassium ChlorateAMethyl ChlorideBPotassium DikrateAMethyl Ethyl KetoneDPotassium MitrateAMethyl EthorideBPotassium MitrateAMethyl EthorideBPotassium NitrateAMethyl EthorideAPropane (liquefied)BMilkAPropane (liquefied)BMineral SpiritsBPotassium NitrateAMustardAPropane (liquefied)BNaphthaASea WaterN/ANickel ChlorideASalicylic AcidANickel SulfateASalicylic AcidANickel SulfateASalicylic AcidANickel SulfateASalicylic AcidANickel Sulfa		С	Ozone	А
Magnesium ChlorideAPentaneCMagnesium HydroxideN/APerchloroethyleneBMagnesium NitrateAPhenol (10%)AMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethyl AcetateDPhosphoric Acid (crude)BMethyl AcetateDPhotographic SolutionsBMethyl AcetateDPotassium BromideAMethyl Butyl KetoneDPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl Ethyl KetoneDPotassium DichromateAMethyl ChlorideBPotassium NitrateAMilkAPotassium NitrateAMineral SpiritsBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropane (liquefied)BNaphthaASalicylic AcidANickel ChlorideASalicylic AcidANickel ChlorideASalicylic AcidAMitric Acid (20%)N/ASalicylic AcidANitric Acid (50%)DSilver NitrateANitric Acid (50%)N/ASoap SolutionsA		С	Paraffin	А
Magnesium HydroxideN/APerchloroethyleneBMagnesium NitrateAPhenol (10%)AMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid (more than 40%)CMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsBMethyl Alcohol 10%APicric AcidBMethyl Butyl KetoneDPotassium BromideAMethyl CellosolveDPotassium ChlorateAMethyl Ethyl KetoneDPotassium ChlorateAMethyl Ethyl KetoneDPotassium DichromateAMethyl Ethyl KetoneBPotassium NitrateAMethyl Ethyl KetoneBPotassium NitrateAMineral SpiritsBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropane (liquefied)BNickel ChlorideASalicylic AcidANickel ChlorideASaliconeCNickel SulfateASaliconeCNitric Acid (20%)N/ASoap SolutionsA		А	Pentane	С
Magnesium NitrateAPhenol (10%)AMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsBMethyl AcetateDPotassium BromideAMethyl Butyl KetoneDPotassium BromideAMethyl CellosolveDPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl Ethyl KetoneDPotassium NitrateAMethyl Ethyl KetoneBPotassium NitrateAMethyl Ethyl KetoneBPotassium NitrateAMilkAPotassium NitrateAMineral SpiritsBPotassium NitrateAMotor oilBPotassium SulfateANaphthaAPropylene GlycolANickel ChlorideAPropylene GlycolANickel SulfateASalicylic AcidANickel SulfateASalicylic AcidANickel SulfateASalicylic AcidANitric Acid (20%)N/ASiliconeCNitric Acid (550%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	-	N/A	Perchloroethylene	В
Magnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)AMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsBMethyl Alcohol 10%APicric AcidBMethyl Butyl KetoneDPotassium BromideAMethyl CellosolveDPotassium ChlorateAMethyl Ethyl KetoneDPotassium ChlorateAMethyl Ethyl KetoneDPotassium DichromateAMethyl Ethyl KetoneDPotassium DichromateAMethyl Ethyl RetoneBPotassium NitrateAMethyl Ethyl RetoneBPotassium SulfateAMethyl Ethyl KetoneBPotassium DichromateAMethylene ChlorideBPotassium NitrateAMilkAPotassium SulfateAMineral SpiritsBPotassium SulfateAMustardAPropave (liquefied)BNaphthaAPropave (liquefied)ANickel ChlorideAPropave (liquefied)ANickel SulfateASalicylic AcidANickel SulfateASalicylic AcidANickel SulfateASalicylic AcidANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver Nitrate	•	Â	•	А
Mercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)CMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)APhosphoric Acid (crude)BMethyl AcetateDPhotographic SolutionsBMethyl Alcohol 10%APicric AcidBMethyl Butyl KetoneDPotassium BromideAMethyl CellosolveDPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl Ethyl KetoneDPotassium DichromateAMethyl Ethyl KetoneBPotassium DichromateAMethyl EndorideBPotassium DichromateAMethyl EndorideBPotassium DichromateAMethyl EndorideBPotassium NitrateAMineral SpiritsBPotassium SulfateAMustardAPropave (liquefied)BNaphthaAPropave GlycolANickel ChlorideAPropylene GlycolANickel SulfateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (510%)N/ASoap SolutionsA		А		А
MercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)APhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsBMethyl Acehol 10%APicric AcidBMethyl Butyl KetoneDPotassium BromideAMethyl CellosolveDPotassium ChlorateAMethyl Ethyl KetoneDPotassium ChlorateAMethyl Ethyl KetoneDPotassium DichromateAMethyl Ethyl KetoneDPotassium DichromateAMethyl Ethyl KetoneBPotassium NitrateAMethylene ChlorideBPotassium NitrateAMilkAPotassium NitrateAMineral SpiritsBPotassium PermanganateAMustardAPropane (liquefied)BNaphthaAPropane (liquefied)BNaphthaASalicylic AcidANickel ChlorideASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA		N/A		С
Methyl AcetateDPhotographic SolutionsBMethyl Alcohol 10%APicric AcidBMethyl Butyl KetoneDPotassium BromideAMethyl CellosolveDPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl Ethyl KetoneDPotassium DichromateAMethyl Ethyl KetoneDPotassium UnchlorideAMethyl Ethyl KetoneDPotassium UnchlorideAMethylene ChlorideBPotassium NitrateAMilkAPotassium NitrateAMineral SpiritsBPotassium SulfateAMotor oilBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA				В
Methyl AcetateDPhotographic SolutionsBMethyl Alcohol 10%APicric AcidBMethyl Butyl KetoneDPotassium BromideAMethyl CellosolveDPotassium ChlorateAMethyl ChlorideBPotassium ChlorateAMethyl KetoneDPotassium DichromateAMethyl Ethyl KetoneDPotassium UichromateAMethylene ChlorideBPotassium NitrateAMilkAPotassium NitrateAMineral SpiritsBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methanol (Methyl Alcohol)	A	Phosphoric Acid (less than 40%)	С
Methyl Butyl KetoneDPotassium BromideAMethyl CellosolveDPotassium ChlorateAMethyl ChlorideBPotassium ChlorideAMethyl Ethyl KetoneDPotassium DichromateAMethylene ChlorideBPotassium NitrateAMilkAPotassium NitrateAMineral SpiritsBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideASalicylic AcidANickel SulfateASalicylic AcidANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA		D	Photographic Solutions	В
Methyl CellosolveDPotassium ChlorateAMethyl ChlorideBPotassium ChlorideAMethyl Ethyl KetoneDPotassium DichromateAMethylene ChlorideBPotassium Hydroxide (Caustic Potash)CMilkAPotassium NitrateAMineral SpiritsBPotassium SulfateAMotor oilBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA	Methyl Alcohol 10%	А	Picric Acid	В
Methyl ChlorideBPotassium ChlorideAMethyl Ethyl KetoneDPotassium DichromateAMethylene ChlorideBPotassium Hydroxide (Caustic Potash)CMilkAPotassium NitrateAMineral SpiritsBPotassium PermanganateAMotor oilBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA	Methyl Butyl Ketone	D	Potassium Bromide	А
Methyl Ethyl KetoneDPotassium DichromateAMethylene ChlorideBPotassium Hydroxide (Caustic Potash)CMilkAPotassium NitrateAMineral SpiritsBPotassium PermanganateAMotor oilBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideAPyridineDNickel SulfateASalicylic AcidANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methyl Cellosolve	D	Potassium Chlorate	А
Methylene ChlorideBPotassium Hydroxide (Caustic Potash)CMilkAPotassium NitrateAMineral SpiritsBPotassium PermanganateAMotor oilBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideAPyridineDNickel NitrateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methyl Chloride	В	Potassium Chloride	А
MilkAPotassium NitrateAMineral SpiritsBPotassium PermanganateAMotor oilBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideAPyridineDNickel NitrateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methyl Ethyl Ketone	D	Potassium Dichromate	А
Mineral SpiritsBPotassium PermanganateAMotor oilBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideAPyridineDNickel NitrateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methylene Chloride	В	Potassium Hydroxide (Caustic Potash)	С
Motor oilBPotassium SulfateAMustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideAPyridineDNickel NitrateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Milk	А	Potassium Nitrate	А
MustardAPropane (liquefied)BNaphthaAPropylene GlycolANickel ChlorideAPyridineDNickel NitrateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Mineral Spirits	В	Potassium Permanganate	Α
NaphthaAPropylene GlycolANickel ChlorideAPyridineDNickel NitrateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Motor oil	В	Potassium Sulfate	А
Nickel ChlorideAPyridineDNickel NitrateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Mustard	А	Propane (liquefied)	В
Nickel NitrateASalicylic AcidANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Naphtha	А	Propylene Glycol	Α
Nickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Nickel Chloride	A	Pyridine	D
Nitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Nickel Nitrate	А	Salicylic Acid	А
Nitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Nickel Sulfate	А	Sea Water	N/A
Nitric Acid (5-10%) N/A Soap Solutions A	Nitric Acid (20%)	N/A	Silicone	С
	Nitric Acid (50%)	D	Silver Nitrate	А
Nitric Acid (Concentrated)DSoda Ash (see Sodium Carbonate)A	Nitric Acid (5-10%)	N/A	Soap Solutions	А
	Nitric Acid (Concentrated)	D	Soda Ash (see Sodium Carbonate)	А

The information in this chart has been compiled from several sources and as such Pneuline makes no guarantee as to the accuracy or completeness of the information. This chart is ONLY to be used as a guide in selecting the appropriate product for a particular use case. A product's resistance to chemical exposure will vary based on a variety of factors including: temprature, exposure time, quantity, concentration, and purity of chemicals, presense or absence of catalyzing agents, and pressure. Ratings listed in this chart apply for a limited exposure time (normally 48 hours) and as such Pneuline offers NO warranty (express or implied) that a particular product will perform adequately in a given environment.

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greeley, CO 80631

Chemical Substance Chemical Substance Rating Xvlene Sodium Acetate D Sodium Bicarbonate А Zinc Chloride Sodium Bisulfate А Zinc Sulfate Sodium Bisulfite А Sodium Carbonate А Sodium Chlorate А Sodium Chloride N/A Sodium Hydroxide (20%) В Sodium Hydroxide (50%) С Sodium Hydroxide (80%) D Sodium Hypochlorite (less than 20%) В Sodium Peroxide А Sodium Sulfate А Sodium Sulfide А Sodium Thiosulfate (hypo) А Stannic Chloride А Stearic Acid N/A Stoddard Solvent Α В Sulfur Dioxide (dry) Sulfuric Acid (less than 10%) А Sulfuric Acid (10-75%) А Tannic Acid В Tetrachloroethylene В Tetrahydrofuran D Toluene (Toluol) В Tomato Juice А В Trichloroethane В Turpentine Urea A Vinegar С Water, Acid, Mine A Water, Distilled A Water, Fresh A Water, Salt A Whiskey and Wines Α

The information in this chart has been compiled from several sources and as such Pneuline makes no guarantee as to the accuracy or completeness of the information. This chart is ONLY to be used as a guide in selecting the appropriate product for a particular use case. A product's resistance to chemical exposure will vary based on a variety of factors including: temprature, exposure time, quantity, concentration, and purity of chemicals, presense or absence of catalyzing agents, and pressure. Ratings listed in this chart apply for a limited exposure time (normally 48 hours) and as such Pneuline offers NO warranty (express or implied) that a particular product will perform adequately in a given environment.

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greeley, CO 80631 www.pneulinesupply.com (970) 714-1123 sales@pneulinesupply.com

Rating

А

A

А

Pneuline Supply, Inc. DATA SHEET

MPVC-2B-KFS020 Chemical Compatibility Disclaimer

The information in this chart has been compiled from several sources (listed below) and as such Pneuline makes no guarantee as to the accuracy or completeness of the information. This chart is ONLY to be used as a guide in selecting the appropriate product for a particular use case. A product's resistance to chemical exposure will vary based on a variety of factors including: temprature, exposure time, quantity, concentration, the purity of the chemicals involved, presense or absence of catalyzing agents, and pressure. Ratings listed in this chart apply for a limited exposure time (normally 48 hours) and as such Pneuline offers NO warranty (express or implied) that a particular product will perform adequately in a given environment.

Sources

https://www.plasticsintl.com/chemical-resistance-chart https://www.astisensor.com/KYNAR_PVDF_Chemical_Compatibility_Resistance_Chart.pdf https://www.ipexna.com/media/12311/chemical-guide-us-ipex-pvdf.pdf https://www.polyfluor.nl/en/chemical-resistance/pvdf/ https://www.fhr.com/KochFHR/media/Polyproylenes-unrestricted/PP%20Random%20Copolymers/P5M6K-080.pdf https://mykin.com/rubber-chemical-resistance-chart https://www.calpaclab.com/nylon-chemical-compatibility-chart/ https://www.calpaclab.com/acetal-polyoxymethylene-chemical-compatibility-chart/ https://www.calpaclab.com/polycarbonate-chemical-compatibility-chart/ https://www.calpaclab.com/polycarbonate-chemical-compatibility-chart/ https://www.calpaclab.com/polypropylene-chemical-compatibility-chart/ https://www.calpaclab.com/polypropylene-chemical-compatibility-chart/ https://www.calpaclab.com/polypropylene-chemical-compatibility-chart/ https://www.calpaclab.com/polypropylene-chemical-compatibility-chart/

Pneuline Supply, Inc. 2881 S 31st Ave Unit 2A Greeley, CO 80631

