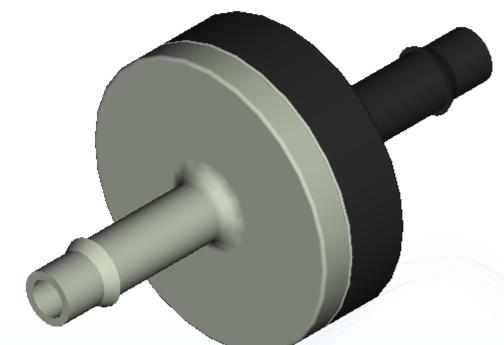
• Pneuline Supply, Inc. DATA SHEET MPV-2B-NS



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

Pneuline Supply, Inc. **DATA SHEET** MPV-2B-NS

Product Series: Product Type: Housing Material: Diaphragm Material: Inlet: **Outlet:** Max Operating Temp: 203.00°F / 95.00°C Min Operating Temp: -30.00°F / -34.44°C **Product SKU:**

MPV Inline Check Valve Nylon 0.024" Silicone Natural Nylon 22HSP Black Nylon 22HSP 00000104

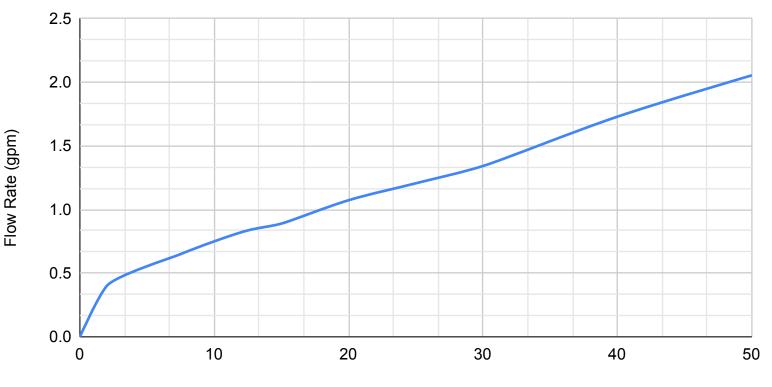
Physical Properties

Size and Weight: 1.375 Long 0.750 Wide, 2.02g 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)

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Pneuline Supply, Inc. DATA SHEET MPV-2B-NS

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



Test Pressure (psi)

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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.

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

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

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MPV-2B-NS

Lacquer ThinnersDNitrobenzeneDLacquersDNitromethaneDLactic AcidBOils: CitricCLardBOils: Fuel Oil (1, 2, 3, 5A, 5B, 6)DLead SulfamateBOils: MineralBLubricantsDOils: NineralCLye: Ca(OH)2 Calcium HydroxideAOils: PineDLye: KOH Potassium HydroxideBParaffinBMagnesium ChlorideAPertaneDMagnesium HydroxideN/APerchloroethyleneDMagnesium NitrateAPhenol (10%)DMagnesium Sulfate (Epson Salts)APhenol (Carbolic Acid)DMercuric Chloride (dilute)N/APhosphoric Acid (crude)BMethyl AcetateDPhotographric SolutionsAMethyl AcetateDPhotographric Acid (crude)BMethyl AcetateDPotassium BromideBMethyl AcetateDPotassium ChlorideAMethyl CellosolveDPotassium ChlorideAMethyl CellosolveDPotassium ChlorideAMethyl CellosolveDPotassium SulfateAMethyl ChlorideDPotassium SulfateAMethyl ChlorideBProtassium SulfateAMethyl CellosolveDPotassium SulfateAMethyl CellosolveDPotassium SulfateAMitric Acid (20%)N/ASalicylic AcidN/ANickel Chlo	Chemical Substance	Rating	Chemical Substance	Rating
Lactic AcidBOils: CitricCLardBOils: Fuel Oil (1, 2, 3, 5A, 5B, 6)DLead SulfamateBOils: Fuel Oil (1, 2, 3, 5A, 5B, 6)DLubricantsDOils: OliveCLye: Ca(OH)2 Calcium HydroxideAOils: PineDLye: KOH Potassium HydroxideCOzoneDLye: NaOH Sodium HydroxideAPertaneDMagnesium ChlorideAPertaneDMagnesium NitrateAPhenol (10%)DMagnesium NitrateAPhenol (10%)DMercuric Chloride (filute)N/APhosphoric Acid (rore than 40%)DMercuric Chloride (filute)N/APhosphoric Acid (crude)BMethyl Alcohol 10%BPhotographic SolutionsAMethyl Alcohol 10%BPictassium BromideBMethyl Alcohol 10%BPictassium BromideBMethyl Alcohol 10%BPictassium BromideBMethyl LotonicDPotassium ChlorateCMethyl CellosoiveDPotassium BromideBMethyl CellosoiveDPotassium BromideBMineral SpiritsDPotassium NitrateBMineral SpiritsDPotassium SulfateAMustardAPropave (liquefied)DMickel ChlorideCPropave (liquefied)DMikAPotassium SulfateAMitric Acid (20%)N/ASiliconeCNitri	Lacquer Thinners	D	Nitrobenzene	D
Lactic AcidBOils: CitricCLardBOils: CitricCLardBOils: Fuel Oil (1, 2, 3, 5A, 5B, 6)DLead SulfamateBOils: OliveCLubricantsDOils: OliveCLye: Ca(OH)2 Calcium HydroxideAOils: PineDLye: KOH Potassium HydroxideCOzoneDLye: NaOH Sodium HydroxideBParaffinBMagnesium ChlorideAPentaneDMagnesium NitrateAPhenol (10%)DMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)DMercuric Chloride (dilute)N/APhosphoric Acid (rore than 40%)DMethyl Alcohol 10%BPhotographic SolutionsAMethyl AcetateDPotassium BromideBMethyl AcetateDPotassium ChlorideAMethyl CellosolveDPotassium ChlorideBMethyl CellosolveDPotassium ChlorideAMethyl CellosolveDPotassium BromideBMethyl CellosolveDPotassium BromideBMethyl LetoneDPotassium BromideBMineral SpiritsDPotassium SulfateAMikkAPotassium SulfateAMineral SpiritsDPotassium SulfateAMustardAPropane (liquefiel)DNickel ChlorideCPropane (liquefiel)DNickel ChlorideCPropane	•	D	Nitromethane	D
Lead SulfamateBOils: MineralBLubricantsDOils: OliveCLye: Ca(OH)2 Calcium HydroxideAOils: PineDLye: KOH Potassium HydroxideCOzoneDLye: NaOH Sodium HydroxideBParaffinBMagnesium ChlorideAPentaneDMagnesium NitrateAPentoneDMagnesium NitrateAPhenol (10%)DMagnesium Sulfate (Epsom Salts)APhosphoric Acid (more than 40%)DMercuric Chloride (dilute)N/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)BPhosphoric Acid (crude)BMethyl AlcoholBPhotographic SolutionsAMethyl AlcoholBPicric AcidDMethyl AlcoholBPicric AcidDMethyl AlcoholBPicric AcidDMethyl Butyl KetoneDPotassium BromideBMethyl IchvideDPotassium DichromateCMethyl IchvideDPotassium DichromateBMethyl Ethyl KetoneDPotassium NitrateBMineral SpiritsDPotassium SulfateAMustardAPropane (liquefied)DNaphihaDPropylene GlycolBNickel ChlorideCPyridineDNaphihaDPropylene GlycolBNickel SulfateASea WaterN/ANickel ChlorideASea WaterN/A <td>•</td> <td>В</td> <td>Oils: Citric</td> <td>С</td>	•	В	Oils: Citric	С
Lead SulfamateBOils: MineralBLubricantsDOils: OliveCLye: Ca(OH)2 Calcium HydroxideAOils: OliveDLye: KOH Potassium HydroxideCOzoneDLye: NaOH Sodium HydroxideBParaffinBMagnesium ChlorideAPentaneDMagnesium NitrateAPhenol (10%)DMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)DMercuryN/APhosphoric Acid (more than 40%)DMethaol (Methyl Alcohol)BPhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsAMethyl Alcohol 10%BPicric AcidDMethyl LolorideDPotassium BromideBMethyl Ethyl KetoneDPotassium ChlorateCMilkAPotassium NitrateBMineral SpiritsDMineral SpiritsDPotassium SulfateAMMustardAPropane (liquefied)DDNaphthaDPropane GlycolBN/AMitckel ChlorideCPridineDDNickel NitrateBSalicylic AcidN/A </td <td>Lard</td> <td>В</td> <td>Oils: Fuel Oil (1, 2, 3, 5A, 5B, 6)</td> <td>D</td>	Lard	В	Oils: Fuel Oil (1, 2, 3, 5A, 5B, 6)	D
Lye: Ca(OH)2 Calcium HydroxideAOils: PineDLye: KOH Potassium HydroxideCOzoneDLye: NaOH Sodium HydroxideBParaffinBMagnesium ChlorideAPentaneDMagnesium Sulfate (Epsom Salts)APhenol (10%)DMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)DMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)DMercuryN/APhosphoric Acid (less than 40%)CMethanol (Methyl Alcohol)BPhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsAMethyl Butyl KetoneDPotassium ChlorateCMethyl ChlorideDPotassium ChlorateCMethyl ChlorideDPotassium ChlorateCMethyl EllosolveDPotassium ChlorateCMethyl EllosolveDPotassium WitrateBMethyl EllosolveDPotassium SulfateAMilkAPropane (liquefied)DMilkAPropane (liquefied)DMilkAPropane (liquefied)DMickel ChlorideASaliver NitrateAMickel ChlorideASaliver NitrateAMickel ChlorideASaliver NitrateAMickel ChlorideASaliver NitrateAMickel ChlorideASaliver NitrateAMickel ChlorideASaliver NitrateA </td <td>Lead Sulfamate</td> <td>В</td> <td></td> <td>В</td>	Lead Sulfamate	В		В
Lye: KOH Potassium HydroxideCOzoneDLye: NaOH Sodium HydroxideBParaffinBMagnesium ChlorideAPentaneDMagnesium MydroxideN/APerchloroethyleneDMagnesium Sulfate (Epsom Salts)APhenol (10%)DMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)DMercuric Chloride (dilute)N/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)BPhotographic SolutionsAMethyl AcetateDPhotographic SolutionsAMethyl Robol 10%BPicric AcidDMethyl CellosolveDPotassium BromideBMethyl ChlorideDPotassium ChlorateCMethyl ChlorideDPotassium NitrateBMethyl ChlorideDPotassium NitrateBMilkAPotassium NitrateBMineral SpiritsDPotassium NitrateBMustardAPropane (liquefied)DNaphthaDPropane (liquefied)DNaphthaDPropane (liquefied)DNickel NitrateBSalicylic AcidN/ANickel SulfateASea WaterN/ANickel SulfateASea	Lubricants	D	Oils: Olive	С
Lye: NaOH Sodium HydroxideBParaffinBMagnesium ChlorideAPentaneDMagnesium HydroxideN/APerchloroethyleneDMagnesium NitrateAPhenol (10%)DMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)DMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)DMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)BPhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsAMethyl Acetohol 10%BPicric AcidDMethyl Butyl KetoneDPotassium BromideBMethyl CellosolveDPotassium ChlorateCMethyl Eltyl KetoneDPotassium MitrateBMethyl Eltyl KetoneDPotassium MitrateBMethyl Eltyl KetoneDPotassium MitrateBMineral SpiritsDPotassium NitrateBMineral SpiritsDPotassium NitrateBMineral SpiritsDPropayele GlycolBNickel ChlorideCPyrdineDNaphthaDPropayelen GlycolBNickel SulfateASea WaterN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASilver NitrateANitric Acid (50%)DSilver NitrateANitric Acid (50%)N/ASoap SolutionsA <td>Lye: Ca(OH)2 Calcium Hydroxide</td> <td>А</td> <td>Oils: Pine</td> <td>D</td>	Lye: Ca(OH)2 Calcium Hydroxide	А	Oils: Pine	D
Magnesium ChlorideAPentaneDMagnesium HydroxideN/APerchloroethyleneDMagnesium NitrateAPhenol (10%)DMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)DMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)DMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)BPhosphoric Acid (crude)BMethyl AcetateDPhotographic SolutionsAMethyl AcetateDPotassium BromideBMethyl Alcohol 10%BPicric AcidDMethyl AcetateDPotassium ChlorateCMethyl ChlorideDPotassium ChlorateCMethyl ChlorideDPotassium ChlorateCMethyl ChlorideDPotassium MitrateBMethyl ChlorideDPotassium NitrateBMilkAPotassium NitrateBMilkAPotassium NitrateBMineral SpiritsDPotassium NitrateBMotor oilBPropane (liquefied)DNaphthaDPropane (liquefied)DNickel ChlorideCPyridineDNickel ChlorideASalicylic AcidN/ANickel SulfateASalicylic AcidN/ANickel ChlorideCPyridineDNickel ChlorideCPyridineDNickel ChlorideCPyridineC <td>Lye: KOH Potassium Hydroxide</td> <td>С</td> <td>Ozone</td> <td>D</td>	Lye: KOH Potassium Hydroxide	С	Ozone	D
Magnesium HydroxideN/APerchloroethyleneDMagnesium NitrateAPhenol (10%)DMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)DMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)DMercuryN/APhosphoric Acid (crude)BMethyl Alcohol)BPhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsAMethyl Alcohol 10%BPicric AcidDMethyl Eldyl KetoneDPotassium BromideBMethyl Eldyl KetoneDPotassium ChlorateCMethyl Ethyl KetoneDPotassium DichromateBMikeral SpiritsDPotassium NitrateBMineral SpiritsDPotassium SulfateAMustardAPropane (liquefied)DNickel ChlorideCPyridineDNickel ChlorideASalicylic AcidN/ANickel SulfateASea WaterN/ANickel SulfateASea WaterN/ANitric Acid (50%)DSiliconeCNitric Acid (50%)DSiliconeC	Lye: NaOH Sodium Hydroxide	В	Paraffin	В
Magnesium NitrateÁPhenol (10%)DMagnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)DMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)DMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)BPhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsAMethyl AcetateDPotassium BromideBMethyl Alcohol 10%BPicric AcidDMethyl Alcohol 10%BPicric AcidCMethyl CellosolveDPotassium BromideBMethyl CellosolveDPotassium ChlorateCMethyl ChlorideDPotassium DichromateBMethyl Ethyl KetoneDPotassium NitrateBMilkAPotassium NitrateBMineral SpiritsDPotassium NitrateBMineral SpiritsDPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASalicylic AcidN/ANitric Acid (20%)N/ASiliconeCNitric Acid (510%)DSilver NitrateANitric Acid (510%)N/ASoap SolutionsA	Magnesium Chloride	А	Pentane	D
Magnesium Sulfate (Epsom Salts)APhenol (Carbolic Acid)DMercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)DMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)BPhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsAMethyl AcetateDPhotographic SolutionsAMethyl AcetateDPotassium BromideBMethyl Butyl KetoneDPotassium ChlorateCMethyl CellosolveDPotassium ChlorateCMethyl Ethyl KetoneDPotassium DichromateBMethyl Ethyl KetoneDPotassium DichromateBMethyl Ethyl KetoneDPotassium NitrateBMethyl Ethyl KetoneDPotassium NitrateBMethyl ShirtsDPotassium SulfateAMilkAPotassium SulfateAMineral SpiritsDPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASea WaterN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA	Magnesium Hydroxide	N/A	Perchloroethylene	D
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Mercuric Chloride (dilute)N/APhosphoric Acid (more than 40%)DMercuryN/APhosphoric Acid (crude)BMethanol (Methyl Alcohol)BPhosphoric Acid (less than 40%)CMethyl AcetateDPhosphoric Acid (less than 40%)CMethyl Alcohol 10%BPicric AcidDMethyl Butyl KetoneDPotassium BromideBMethyl CellosolveDPotassium ChlorateCMethyl ChlorideDPotassium ChlorateBMethyl Ethyl KetoneDPotassium DichromateBMethyl Ethyl KetoneDPotassium DichromateBMethyl Ethyl KetoneDPotassium DichromateBMethyl Ethyl KetoneDPotassium NitrateBMethyl Ethyl KetoneDPotassium NitrateBMethyl Ethyl KetoneDPotassium NitrateBMotor oilBPotassium SulfateAMustardAPropaylene GlycolBNickel ChlorideCPyridineDNickel SulfateASea WaterN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA	Magnesium Sulfate (Epsom Salts)	А	Phenol (Carbolic Acid)	D
Methanol (Methyl Alcohol)BPhosphoric Acid (less than 40%)CMethyl AcetateDPhotographic SolutionsAMethyl Alcohol 10%BPicric AcidDMethyl Butyl KetoneDPotassium BromideBMethyl CellosolveDPotassium ChlorateCMethyl ChlorideDPotassium ChlorateAMethyl Ethyl KetoneDPotassium ChlorateAMethyl Ethyl KetoneDPotassium ChlorateBMethyl Ethyl KetoneDPotassium DichromateBMethyl Ethyl KetoneDPotassium DichromateBMethyl Ethyl KetoneDPotassium NitrateBMethyl Ethyl KetoneDPotassium NitrateBMethylene ChlorideDPotassium SulfateAMineral SpiritsDPropane (liquefied)DMotor oilBPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA	Mercuric Chloride (dilute)	N/A		D
Methyl AcetateDPhotographic SolutionsAMethyl Alcohol 10%BPicric AcidDMethyl Butyl KetoneDPotassium BromideBMethyl CellosolveDPotassium ChlorateCMethyl ChlorideDPotassium ChlorateAMethyl Ethyl KetoneDPotassium DichromateBMethyl Ethyl KetoneDPotassium DichromateBMethylene ChlorideDPotassium NitrateBMilkAPotassium NitrateBMineral SpiritsDPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASea WaterN/ANitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Mercury	N/A	Phosphoric Acid (crude)	В
Methyl Alcohol 10%BPicric AcidDMethyl Butyl KetoneDPotassium BromideBMethyl CellosolveDPotassium ChlorateCMethyl ChlorideDPotassium ChlorideAMethyl Ethyl KetoneDPotassium DichromateBMethylene ChlorideDPotassium Mydroxide (Caustic Potash)CMilkAPotassium NitrateBMineral SpiritsDPotassium NitrateDMotor oilBPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASalicylic AcidN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methanol (Methyl Alcohol)	В	Phosphoric Acid (less than 40%)	С
Methyl Butyl KetoneDPotassium BromideBMethyl CellosolveDPotassium ChlorateCMethyl ChlorideDPotassium ChlorideAMethyl Ethyl KetoneDPotassium DichromateBMethylene ChlorideDPotassium NitrateBMilkAPotassium NitrateBMineral SpiritsDPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA	Methyl Acetate	D	Photographic Solutions	А
Methyl CellosolveDPotassium ChlorateCMethyl ChlorideDPotassium ChlorideAMethyl Ethyl KetoneDPotassium DichromateBMethylene ChlorideDPotassium Hydroxide (Caustic Potash)CMilkAPotassium NitrateBMineral SpiritsDPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASalicylic AcidN/ANitric Acid (20%)N/ASiliconeCNitric Acid (5-10%)N/ASoap SolutionsA	Methyl Alcohol 10%	В	Picric Acid	D
Methyl ChlorideDPotassium ChlorideAMethyl Ethyl KetoneDPotassium DichromateBMethylene ChlorideDPotassium Mydroxide (Caustic Potash)CMilkAPotassium NitrateBMineral SpiritsDPotassium PermanganateDMotor oilBPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSoap SolutionsA	Methyl Butyl Ketone	D	Potassium Bromide	В
Methyl Ethyl KetoneDPotassium DichromateBMethylene ChlorideDPotassium Hydroxide (Caustic Potash)CMilkAPotassium NitrateBMineral SpiritsDPotassium PermanganateDMotor oilBPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	, ,		Potassium Chlorate	С
Methylene ChlorideDPotassium Hydroxide (Caustic Potash)CMilkAPotassium NitrateBMineral SpiritsDPotassium PermanganateDMotor oilBPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel SulfateASalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methyl Chloride			А
MilkAPotassium NitrateBMineral SpiritsDPotassium PermanganateDMotor oilBPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel NitrateBSalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methyl Ethyl Ketone			В
Mineral SpiritsDPotassium PermanganateDMotor oilBPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel NitrateBSalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Methylene Chloride	D	Potassium Hydroxide (Caustic Potash)	С
Motor oilBPotassium SulfateAMustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel NitrateBSalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Milk	А	Potassium Nitrate	В
MustardAPropane (liquefied)DNaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel NitrateBSalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Mineral Spirits	D	Potassium Permanganate	D
NaphthaDPropylene GlycolBNickel ChlorideCPyridineDNickel NitrateBSalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Motor oil	В	Potassium Sulfate	А
Nickel ChlorideCPyridineDNickel NitrateBSalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Mustard	А	Propane (liquefied)	D
Nickel NitrateBSalicylic AcidN/ANickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Naphtha	D	Propylene Glycol	В
Nickel SulfateASea WaterN/ANitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Nickel Chloride	С	Pyridine	D
Nitric Acid (20%)N/ASiliconeCNitric Acid (50%)DSilver NitrateANitric Acid (5-10%)N/ASoap SolutionsA	Nickel Nitrate	В	Salicylic Acid	N/A
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
			Silver Nitrate	А
	Nitric Acid (5-10%)	N/A	Soap Solutions	A
Nitric Acid (Concentrated)DSoda Ash (see Sodium Carbonate)B	Nitric Acid (Concentrated)	D	Soda Ash (see Sodium Carbonate)	В

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

MPV-2B-NS

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

Chemical Substance

Xylene Zinc Chloride Zinc Sulfate Rating

N/A A

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Chemical Compatibility Disclaimer

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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-resistance/pvdf/ 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/

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