

Application Data

Chemical Compatibility Chart

FLUID	HOSE MATERIAL															METALS		
	UHMW	XLPE	PVC	Nitrile	Vinyl Nitrile	Neo-prene	Teflon (PTFE)	Teflon (FEP)	Nylon 6/66	EPDM	Hypalon	Natural Rubber/SBR	Hytrel	Polyurethane	CPE	Brass	Steel	316 Stainless
Oxalic Acid	G	G	G	X	X	X	G	G	X	G	X	X	X	—	G	F	X	G
Oxygen (non-breathing, non-welding) ◇	G	G	G	F	F	G	G	G	G	G	G	F	G	G	G	G	G	G
Ozone (300 ppm)	F	F	X	X	X	X	G	G	X	G	G	X	X	G	G	—	F	G
Paint (Solvent Base)	G	G	X	F	F	X	G	G	X	X	X	—	X	—	G	G	G	
Palmitic Acid	G	G	F	F	F	F	G	G	G	F	X	X	G	X	G	X	F	F
Paper Mill Liquors	G	G	X	F	F	F	G	G	X	G	F	F	X	X	—	—	—	—
Pentane	G	G	X	G	G	F	G	G	—	X	F	X	G	X	G	G	G	G
Perchloroethylene	G*	G*	X	X	X	X	G	G	G	X	X	X	X	X	X	F	G	G
Petroleum Ether	G	G	X	G	F	X	G	G	G	X	X	X	—	G	G	G	G	G
Petroleum Oils	G	G	G	G	G	F	G	G	G	X	F	X	G	G	G	G	G	G
Phenol	G	G	X	X	X	X	G	G	X	X	X	X	X	—	G	F	X	F
Phosphoric Acid (to 85%)	G	G	G	X	X	F	G	G	X	G	G	F	X	X	X	X	X	F
Picric Acid (Molten)	X	X	X	X	X	X	G	G	X	X	F	X	X	X	X	X	X	F
Picric Acid (Solution)	G	G	X	F	F	X	G	G	X	F	G	X	X	F	X	X	X	F
Potassium Chloride	G	G	G	G	G	G	G	G	G	G	G	—	G	G	G	F	X	G
Potassium Cyanide	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	X	G	G
Potassium Dichromate	G	G	G	X	X	X	G	G	—	G	X	X	—	G	G	X	G	G
Potassium Hydroxide	G	G	G	F	F	F	G	G	F	G	G	G	F	X	G	F	X	G
Potassium Permanganate	G	G	G	X	X	X	G	G	X	G	G	G	X	X	—	—	—	—
Potassium Sulfate	G	G	G	G	G	G	G	G	G	G	G	G	—	G	G	F	F	G
Propane Liquid***	—	—	—	G	—	—	—	G	—	—	—	—	—	—	—	G	G	G
Propylene Glycol	G	G	F	G	F	G	G	G	—	G	G	G	G	—	G	F	G	G
Pyridine	G	G	X	X	X	X	G	G	X	F	X	X	X	X	X	F	G	G
Sea Water	G	G	G	G	G	G	G	G	G	G	G	G	G	X	G	G	F	G
Silver Nitrate	G	G	G	G	G	G	G	G	G	G	G	G	—	G	—	X	X	F
Skydrol	G	G	X	X	X	X	G	G	G	G	X	X	—	X	G	G	G	G
Soap Solution	G	G	G	G	G	F	G	G	G	G	G	X	G	G	G	G	G	G
Sodium Bicarbonate	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	F	F	G
Sodium Bisulfate	G	G	G	G	G	G	G	G	G	G	G	G	X	G	G	F	F	F

G - Good F - Fair X - Not Recommended — - Insufficient Information *For Intermittent Transfer Only **Use Approved Freon Hose
 ***Use Propane Approved Hose Only ◇ Use Pinpricked Hose for Gas Applications



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