

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
Sodium Bisulfite	G	G	G	G	G	G	G	G	G	G	G	G	G	G	F	X	G	
Sodium Borate	G	G	G	G	G	G	G	G	G	G	G	G	G	—	G	G	G	
Sodium Carbonate	G	G	G	G	G	G	G	G	G	G	G	G	G	G	X	G	G	
Sodium Chloride	G	G	G	G	G	G	G	G	G	G	G	G	G	G	X	F	G	
Sodium Cyanide	G	G	G	G	G	G	G	G	G	G	G	G	G	G	X	F	G	
Sodium Hydroxide	G	G	G	F	F	G	G	F	G	G	G	—	X	F	F	X	G	
Sodium Hypochlorite	G	G	G	X	X	X	G	G	X	G	G	X	G	X	F	X	X	F
Sodium Nitrate	G	G	G	G	G	F	G	G	G	G	G	G	G	F	G	F	G	G
Sodium Perborate	G	G	G	G	G	X	G	G	F	G	X	G	G	X	X	F	F	G
Sodium Peroxide	G	G	X	F	F	F	G	G	X	G	F	X	G	X	X	X	F	G
Sodium Phosphates	G	G	G	G	G	F	G	G	G	G	G	G	G	X	F	F	F	
Sodium Silicate	G	G	G	G	G	G	G	G	G	G	G	G	G	G	F	F	G	
Sodium Sulfate	G	G	G	G	G	G	G	G	G	G	G	G	G	G	F	F	G	
Sodium Sulfide	G	G	G	G	G	G	G	G	G	G	G	G	G	G	X	X	G	
Sodium Thiosulfate	G	G	G	G	G	G	G	G	G	G	G	—	G	G	X	X	G	
Soybean Oil	G	G	F	G	G	F	G	G	—	F	G	X	G	G	G	G	G	G
Stannic Chloride	G	G	G	G	G	X	G	G	X	G	G	G	G	G	X	X	X	
Steam 450°F	X	X	X	X	X	X	G	G	X	G	X	X	X	X	F	F	G	
Stearic Acid	G	G	F	F	F	F	G	G	G	F	F	X	G	G	X	X	G	
Stoddard Solvent	G	G	X	G	G	F	G	G	G	X	X	X	G	G	G	G	G	
Styrene	G*	G*	X	X	X	X	G	G	G	X	X	X	X	X	G	G	G	
Sulfur 70°F	G	G	F	X	X	G	G	G	G	G	X	G	F	G	X	X	G	
Sulfur 200°F	X	X	X	X	X	X	G	G	X	X	G	X	X	X	X	X	G	
Sulfur Chloride	G	G	X	X	X	X	G	G	X	X	F	X	X	G	X	X	X	
Sulfur Dioxide	X	X	X	X	X	X	G	G	X	G	X	X	X	X	X	—	G	
Sulfuric Acid (under 50%)	G	G	G	X	X	X	G	G	X	G	G	X	X	X	X	X	X	
Sulfuric Acid (51% to 70%)	G	G	G	X	X	X	G	G	X	F	G	X	X	X	X	X	X	

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