

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
Sulfuric Acid (71% to 95%)	G	F	X	X	X	X	G	G	X	F	F	X	X	X	X	X	X	X
Sulfuric Acid (96% to 98%)	G	X	X	X	X	X	G	G	X	X	X	X	X	X	X	X	X	X
Tannic Acid	G	G	G	F	F	F	G	G	X	G	G	G	G	G	G	F	X	G
Tar	X	X	X	F	F	F	G	G	G	X	X	X	G	F	F	F	F	G
Tartaric Acid	G	G	G	G	G	F	G	G	G	G	G	—	G	G	G	F	X	F
Tetrachloroethane	G*	G*	X	X	X	X	G	G	—	X	X	X	X	X	X	—	—	G
Tetrahydrofuran (THF)	G	G	X	X	X	X	G	G	—	X	X	X	—	X	—	—	—	G
Toluene	G*	G*	X	X	X	X	G	G	G	X	X	X	X	X	X	G	G	G
Transmission Oil (Petrol. Base)	G	G	G	G	G	F	G	G	G	X	F	X	G	G	G	G	G	G
Trichloroethane	G*	G*	X	X	X	X	G	G	G	X	X	X	X	X	X	G	G	G
Trichloroethylene	G*	G*	X	X	X	X	G	G	G	X	X	X	X	X	X	G	G	G
Tung Oil	G	G	—	G	G	F	G	G	—	X	F	X	G	F	X	F	G	G
Turpentine	G	G	X	F	F	X	G	G	G	X	X	X	F	X	F	F	G	G
Urea (Water Solution)	G	G	G	X	X	G	G	G	G	G	G	G	G	G	G	—	G	G
Uric Acid	G	G	G	—	—	—	G	G	G	—	—	—	X	X	—	—	—	F
Varnish	G	G	X	X	X	X	G	G	G	X	X	X	—	X	F	G	G	G
Vegetable Oil (Non-food)	G	G	F	G	G	X	G	G	G	X	G	X	—	G	—	G	G	G
Vinegar	G	G	G	F	F	G	G	G	X	G	G	F	—	X	F	X	F	G
Vinyl Acetate	G	G	X	X	X	X	G	G	—	F	X	X	—	X	—	F	G	G
Water (non-potable)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	F	F	G
Water—Glycol Mixture	G	G	X	G	G	G	G	G	G	X	F	X	X	X	G	G	G	G
Water—Petroleum Mixture	G	G	—	G	G	F	G	G	G	X	F	X	G	X	G	G	G	G
Xylene	G*	G*	X	X	X	X	G	G	G	X	X	X	F	X	X	G	G	G
Zinc Chloride	G	G	G	G	G	G	G	G	X	G	G	G	X	G	X	X	X	X
Zinc Sulfate	G	G	G	G	G	G	G	G	G	G	G	G	—	G	X	X	X	G

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