

Chemical Compatibility Chart

CHEMICAL	HOSE			FITTINGS			CHEMICAL	HOSE			FITTINGS			
	1	2	3	CS	SS	CA		1	2	3	CS	SS	CA	
Sodium borohydride/sodium hydroxide solution (15% or less sodium hydroxide)	C	C	D	*	*	X	Trichloroacetic acid (10% or less)	A	B	D	Polypropylene			
Sodium chlorate solution (50% or less)	A	A	D	X	*	*	1, 2, 4-Trichlorobenzene	C	C	C	*	*	*	
Sodium chloride (saturated)	A	B	D	X	*	*	1, 1, 2-Trichloroethane	C	C	C	*	*	*	
Sodium chromate	B	B	B	*	*	*	1, 1, 1-Trichloroethane	C	C	C	*	*	*	
Sodium dichromate solution (70% or less)	C	C	D	X	*	X	Trichloroethylene	C	C	C	*	*	*	
Sodium hydrosulphide solution (45% or less)	A	B	D	*	*	*	Trichloropropane	C	C	C	*	*	*	
Sodium hydrosulphide/ammonium sulphide solution	C	C	D	X	*	X	1, 1, 2-Trichloro-1, 2, 2-trifluoroethane	D	D	D	X	X	X	
Sodium hypochlorite (<15%)	C	C	D	X	*	X	Tricresyl phosphate (<1% ortho isomer)	B	B	B	*	*	*	
Sodium hydroxide solution	A	A	C	*	*	*	Tridecanol	B	B	B	*	*	*	
Sodium salts (excluding halides - saturated)	A	B	D	*	*	*	Triethanolamine	B	B	D	*	*	*	
Stannous, stannic salts (excluding halides)	A	B	D	*	*	*	Triethylamine	B	B	D	*	*	*	
Starch (aqueous)	A	A	B	*	*	*	Triethylbenzene	B	B	B	*	*	*	
Styrene monomer	B	B	B	*	*	*	Triethylene glycol	A	A	A	*	*	*	
Sugar syrup	A	A	A	*	*	*	Triethylene tetramine	B	B	D	*	*	*	
Sulphamic acid	A	A	D	X	*	X	Triethyl phosphite	C	C	D	X	*	X	
Sulpholane	D	D	D	X	X	X	Triisopropanolamine	B	B	D	*	*	*	
Sulphonyl chloride	Use S/S Hose or PTFE						X	Trimethyl acetic acid	A	A	D	*	*	*
Sulphur (mottled)	D	D	D	X	X	X	1, 2, 4-Trimethylbenzene	B	B	B	*	*	*	
Sulphur chloride	Use S/S Hose or PTFE						X	Trimethylhexamethylene diamine (2, 2, 4- & 2, 4, 4-isomers)	C	C	D	*	*	X
Sulphur dioxide	C	C	D	X	*	X	Trimethylhexamethylene diisocyanate (2, 2, 4- & 2, 4, 4-isomers)	C	C	C	*	*	X	
Sulphuric acid (<20%)	B	B	D	*	*	X	2, 2, 4-Trimethyl-1, 3-pentanediol-1-isobutyrate	C	C	C	*	*	X	
Sulphuric acid (20%-85%)	B	D	D	Polypropylene			Triethyl phosphite	C	C	C	*	*	X	
Sulphuric acid (>85%)	C	C	D	*	*	X	Trioctyl phosphate	B	B	B	*	*	*	
Sulphuric acid (fuming - see Oleum)							Tripolyene glycol	A	A	A	*	*	*	
Sulphuric acid (spent)	C	C	D	X	*	X	Tripolyene glycol monomethyl ether	C	C	C	*	*	*	
Sulphurous acid	B	B	D	*	*	X	Tritolyl phosphate	B	B	B	*	*	*	
Sulphonyl chloride	D	D	D	X	X	X	Trixylenyl phosphate	B	B	B	*	*	*	
TAAE (See Tertiary amyl ethyl ether)							Turpentine	C	C	C	*	*	*	
Tail oil (crude and distilled)	A	A	A	*	*	*	1-Undecene	C	C	C	*	*	X	
Tail oil fatty acid (<20% resin acids)	C	C	C	X	*	X	Undecyl acid	C	C	C	*	*	X	
Tallow	A	A	A	*	*	*	Urea (aqueous)	A	B	B	*	*	X	
TAME (See Tertiary amyl methyl ether)							Urea/ammonia salt solutions	A	B	B	*	*	X	
Tannic acid (<10%)	A	A	D	X	*	*	Urea/ammonia solutions	A	B	B	*	*	X	
Tartaric acid	A	B	D	X	*	*	n-Valeraldehyde	C	C	C	*	*	*	
Tertiary amyl ethyl ether (TAAE)	C	C	C	*	*	X	Varsol	A	A	A	*	*	*	
Tertiary amyl methyl ether (TAME)	C	C	C	*	*	X	Vaseline	A	A	A	*	*	*	
Tetrachloroethane	C	C	C	*	*	*	Vegetable oils	A	A	A	*	*	*	
Tetrachloroethylene	C	C	C	*	*	*	Vinegar	A	A	D	X	*	*	
Tetraethylene glycol	B	B	B	*	*	*	Vinyl acetate	B	B	C	*	*	*	
Tetraethylene pentamine	C	C	D	*	*	X	Vinyl chloride monomer (VCM)	See Cryoflex 50						
Tetrahydrofuran	C	C	C	*	*	*	Vinyl ethyl ether	C	C	C	*	*	*	
Tetrahydronaphthalene	C	C	C	*	*	X	Vinylidene chloride	C	C	C	*	*	*	
Thionyl chloride	Use S/S Hose or PTFE						X	Vinyl neodecanoate	C	C	C	*	*	X
Tin halides	A	D	D	Polypropylene			Vinyl toluene	B	B	C	*	*	*	
Tin salts (excluding halides - saturated)	A	B	D	*	*	*	Water	A	A	A	*	*	*	
Titanium tetrachloride	C	D	D	Polypropylene			White spirit (low aromatic 15% - 20%)	B	B	B	*	*	*	
Toluene	C	C	C	*	*	*	Wine	B	B	D	X	*	X	
Toluene diamine	D	D	D	X	X	X	Xylene	C	C	C	*	*	*	
Toluene diisocyanate	B	B	B	*	*	*	Xylenols	B	B	B	*	*	*	
o-Toluidine	B	B	C	*	*	X	Yeast (aqueous)	A	A	D	X	*	*	
Transformer oil	B	B	B	*	*	*	Zinc halides	A	D	D	Polypropylene			
Transmission oil	B	B	B	*	*	*	Zinc salts (excluding halides - aqueous)	A	B	D	*	*	*	
Tributylamine	B	B	B	*	*	*								
Tributyl phosphite	B	B	B	*	*	*								