

Chemical Compatibility Chart

CHEMICAL	HOSE			FITTINGS		
	1	2	3	CS	SS	CA
2-(2-Aminoethoxy) ethanol	C	C	D	*	*	X
Aminoethyl ethanolamine	B	B	D	*	*	*
n-Aminoethylpiperazine	C	C	D	*	*	X
Ammonia (<28% in solution)	A	A	D	*	*	X
Ammonium chloride (saturated)	A	C	D	*	*	X
Ammonium nitrate (<93% in solution)	D	D	D	X	X	X
Ammonium salts (excluding halides - saturated)	A	B	D	*	*	X
Ammonium sulphide (<45% in solution)	C	C	D	X	*	X
Amyl acetate (commercial)	C	C	C	*	*	*
n-Amyl acetate	C	C	C	*	*	X
sec-Amyl acetate	C	C	C	*	*	X
Amyl alcohol	B	B	B	*	*	*
Amyl chloride	C	C	C	*	*	*
Aniline (dedicated hose)	C	B	D	*	*	X
Animal oils	A	A	A	*	*	*
Anisole	C	C	C	X	*	X
Antimony chloride	B	D	D	X	*	X
Aqua regia	C	D	D			Polypropylene
Aviation fuel	C	C	C	*	*	*
Barium salts (saturated)	A	B	D	*	*	X
Beer	A	A	D	*	*	*
Benzaldehyde	C	C	D	X	*	X
Benzene	C	C	C	*	*	*
Benzene sulphonyl chloride	D	D	D	X	X	X
Benzene sulphonic acid	C	C	D	X	*	X
Benzoic acid	A	A	D	*	*	X
Benzoyl chloride	C	C	C	*	*	*
Benzyl alcohol	A	A	A	*	*	*
Benzyl butyl phthalate	B	B	B	*	*	*
Benzyl chloride	C	C	C	X	*	*
Black liquor	C	C	D	X	*	X
Bleach (<12.5%Cl)	C	C	D	*	*	X
Borax (aqueous)	A	A	A	*	*	X
Boric acid (aqueous)	A	A	D	X	*	*
Brine (saturated)	A	C	D	X	*	X
Bromine water (saturated)	Use S/S Hose or PTFE	X				X
Butadiene	B	B	B	*	*	*
Butane liquid	See Cryoflex 50					*
Butanediol	B	B	B	*	*	*
Butyl alcohol	A	A	A	*	*	*
n-Butyl acetate	C	C	C	*	*	*
n-Butyl acrylate	B	B	B	*	*	*
n-Butylamine	B	B	D	*	*	*
Butyl benzene	B	B	B	*	*	*
Butyl benzyl phthalate	B	B	B	*	*	*
Butyl bromide	See Special Chemiflex	X				X
Butyl butyrate	B	B	B	*	*	*
Butyl carbitol	A	A	A	*	*	*
Butyl carbitol acetate	C	C	C	*	*	*
Butyl cellosolve	A	A	A	*	*	*
Butyl cellosolve acetate	C	C	C	*	*	*
Butyl chloride	See Special Chemiflex	X				X
Butyldecyl/cetyl-eicosylmethacrylate mixture	C	C	C	*	*	X
Butylene glycol	A	A	A	*	*	*
n-Butyl ether	B	B	B	*	*	*
Butyl ethyl ether	B	B	B	*	*	*
Butyl methacrylate	C	C	C	*	*	*
Butyl methoxyethyl ether	C	C	C	*	*	*
Butyl phthalate	A	A	A	*	*	*
Butyl stearate	B	B	B	*	*	*
n-Butyraldehyde	C	C	D	*	*	*
Butyric acid (<20%)	B	B	B	*	*	*
Butyrolactone	C	C	C	*	*	*
Calcium salts (excluding halides & hypochlorite - saturated)	A	B	D	*	*	X
Calcium alkyl salicylate solution	A	A	D	*	*	*
Calcium chloride (saturated)	A	C	D	X	*	X
Calcium hypochlorite (<12.5% CL)	C	C	D	X	*	*
Calcium naphthenate in mineral oil	C	C	C	*	*	X
Camphor oil	C	C	C	*	*	*
Caprylic acid	A	A	A	*	*	*
Carbinols	B	B	B	*	*	*
Carbitol acetate	C	C	C	*	*	*
Carbitols	B	B	B	*	*	*
Carbolic acid	A	A	D	X	*	X
Carbolic oil (middle oil)	C	C	C	*	*	*
Carbon dioxide (liquid)	See Cryoflex 50					*
Carbon disulphide	C	C	C	*	*	*
Carbonic acid	A	A	D	X	*	X
Carbon tetrachloride	C	C	C	*	*	*
Cashew nut shell oil	B	B	B	*	*	*
Caustic potash (<50%)	A	B	D	*	*	X
Caustic soda (<50%)	A	B	C	*	*	X
Cellosolve	B	B	B	*	*	*
Cetyl-eicosyl methacrylate mixture	C	C	C	*	*	X
Chlorine	Use S/S Hose or PTFE	X				X
Chloroacetic acid (<80%)	B	D	D			Polypropylene
Chlorobenzene	C	C	C	*	*	*
Chlorobutane	C	C	C	*	*	*
Chloroform	C	C	C	*	*	*
Chlorohydrins (crude)	C	C	C	*	*	X
o-Chloronitrobenzenes	C	C	C	*	*	X
Chloroprene	C	C	C	X	*	*
2- or 3-Chloropropionic acid	C	C	D	X	*	X
Chlorosulphonic acid	Use S/S Hose or PTFE	X				X
o- or m- or p-Chlorotoluene	C	C	C	*	*	*
Chlorotoluenes (mixed isomers)	C	C	C	*	*	*
Chrome alum (saturated)	A	A	D	*	*	*
Chromic acid (<50% - aqueous)	C	C	D	X	*	X
Citric acid	A	A	D	X	*	*
Coal tar naphtha	B	B	B	*	*	*
Copper salts (excluding halides - saturated)	A	A	D	*	*	X
Copper chloride (saturated)	A	D	D			Polypropylene
Cresote (wood or coal tar)	B	B	B	*	*	*
Cresols (<90% - mixed isomers)	A	A	A	*	*	X
Crotonaldehyde	C	C	C	*	*	X
Cumene	B	B	B	*	*	*
Cyclohexane	B	B	B	*	*	*
Cyclohexanol	B	B	B	*	*	*
Cyclohexanone	C	C	C	*	*	*
Cyclohexylamine	B	B	D	*	*	X
Cyclopentane	B	B	B	*	*	*
p-Cymene	B	B	B	*	*	*
Decalin	See Special Chemiflex	X				X
Decene	C	C	C	*	*	X
Decyl acrylate	B	B	D	*	*	*
Decyl alcohol	B	B	B	*	*	*
Detergents	A	A	A	*	*	*
Dextrin	A	A	A	*	*	*
Diacetone alcohol	B	B	B	*	*	*
Diaminoethylamine	B	B	C	*	*	*
Diamylamine	B	B	C	*	*	*
Dibromoethane	B	B	D	*	*	*
Dibutylamine	B	B	C	*	*	X
Dibutyl ether	C	C	C	*	*	*
Dibutyl phthalate	B	B	B	*	*	*
Dibutyl sebacate	B	B	B	*	*	*
Dichloroacetic acid	C	D	D			Polypropylene
o-Dichlorobenzene	C	C	C	*	*	X
Dichlorobutane	C	C	C	*	*	*
Dichlorodifluoromethane	See Cryoflex 50					*
1,1-Dichloroethane	C	C	C	*	*	*
Dichloroethylene	C	C	C	*	*	*
Dichloroethyl ether	C	C	C	*	*	X