

Chemical Compatibility Chart

CHEMICAL	HOSE			FITTINGS			CHEMICAL	HOSE			FITTINGS		
	1	2	3	CS	SS	CA		1	2	3	CS	SS	CA
Ethyl propyl ketone	C	C	C	*	*	*	Isoamyl chloride	C	C	D	X	*	X
Ethyl silicate	A	A	A	*	*	*	Isoamyl ether	B	B	B	*	*	*
Ethyl sulphate	B	B	B	*	*	*	Isobutyl acetate	B	B	B	*	*	*
Ethyl vinyl ether	B	B	B	*	*	*	Isobutyl acrylate	B	B	B	*	*	*
Fatty acids	A	A	D	X	*	*	Isobutyl alcohol	A	A	A	*	*	*
Fatty alcohols	A	A	A	*	*	*	Isobutylamine	B	B	D	*	*	*
Ferrous, ferric salts (excluding halides)	A	B	D	*	*	*	Isobutyl bromide	B	D	D	X	*	X
Fluorinated refrigerants	See Cryoflex 50						Isobutyl chloride	B	D	D	X	*	X
Fluorine	Use S/S Hose or PTFE						Isobutyl ether	C	C	C	*	*	*
Fluosilicic acid	A	A	D	X	*	X	Isobutyl formate	C	C	C	*	*	*
Formaldehyde solution (<45%)	A	A	A	*	*	*	Isobutyl methyl ketone	B	B	B	*	*	*
Formamide	A	B	D	X	*	*	Isobutyraldehyde	B	B	D	*	*	*
Formic acid	A	A	D	X	*	*	Isoodecyl alcohol	A	A	A	*	*	*
Freons	See Cryoflex 50						Isooctane	C	C	C	*	*	*
Fructose	A	A	A	*	*	*	Isopentane	C	C	C	*	*	*
Fruit juices	A	A	D	*	*	*	Isopentene	C	C	C	*	*	*
Fuel oil	B	B	B	*	*	*	Isophorone	B	B	B	*	*	*
Fumaric adduct of rosin (water dispersion)	C	C	C	*	*	X	Isophorone diamine	C	C	D	*	*	X
Furfural	B	B	B	*	*	*	Isophorone diisocyanate	C	C	C	*	*	X
Furfuryl alcohol	B	B	B	*	*	*	Isoprene	B	B	B	*	*	X
Gallic acid solution	A	A	C	*	*	*	Isopropanolamine	B	B	D	*	*	*
Gasoline	B	B	B	*	*	*	Isopropyl acetate	C	C	C	*	*	*
Gelatine (aqueous)	A	A	A	*	*	*	Isopropyl alcohol	A	A	A	*	*	*
Gluconic acid	A	A	C	*	*	*	Isopropylamine	B	B	D	*	*	*
Glucose (aqueous)	A	A	A	*	*	*	Isopropyl benzene	B	B	B	*	*	*
Gluteraldehyde solutions (50% or less)	C	C	C	*	*	X	Isopropyl chloride	B	D	D	X	*	X
Glycerine	A	A	A	*	*	*	Isopropyl ether	C	C	C	*	*	*
Glycidyl ester of C ¹⁰ trialkylacetic acid	C	C	C	*	*	X	Isopropyl toluene	B	B	B	*	*	*
Glycolic acid (<37% - aqueous)	A	A	D	*	*	*	Isovaleraldehyde	C	C	C	*	*	X
Glycols (aqueous)	A	A	A	*	*	*	Jams	A	A	B	*	*	*
Green sulphate liquor	B	B	D	X	*	X	Jet fuel	C	C	C	*	*	*
Heptane	B	B	B	*	*	*	Kerosene	B	B	B	*	*	*
Heptanoic acid	B	B	D	X	*	X	Ketones	B	B	B	*	*	*
Heptanol (all isomers)	A	A	A	*	*	*	Lactic acid (<20%)	A	B	D	*	*	*
Heptanone	B	B	B	*	*	*	Lanolin	A	A	A	*	*	*
Heptene (mixed isomers)	A	A	A	*	*	*	Lard	A	A	A	*	*	*
Hexamethylene diamine	B	B	D	*	*	*	Latex (low viscosity)	A	A	A	*	*	*
Hexamethylenimine	C	C	D	*	*	X	Lauryl alcohol	B	B	B	*	*	*
Hexamethylene tetramine	B	B	D	*	*	*	Lead salts (saturated)	A	B	D	X	*	X
1-Hexane	B	B	B	*	*	*	Ligroin	C	C	C	*	*	*
Hexanol	A	A	A	*	*	*	Limonene	B	B	B	*	*	*
Hexene	A	A	A	*	*	*	Linseed oil	A	A	A	*	*	*
Hexyl acetate	C	C	C	*	*	X	Lubricating oil	B	B	B	*	*	*
Hexylamine	B	B	D	*	*	*	Magnesium salts (saturated)	A	B	D	X	*	X
Hexylene glycol	A	A	A	*	*	*	Maleic acid solution	A	B	D	X	*	*
Hydrazine hydrate	B	B	D	X	*	X	Maleic anhydride solution	B	B	D	X	*	*
Hydrobromic acid (<50%)	A	D	D	Polypropylene or PVDF			Malic acid solution	B	B	D	X	*	X
				Coated Steel			Manganese salts (saturated)	A	B	D	X	*	X
Hydrochloric acid (<37%)	C	D	D	Polypropylene or PVDF			MBK (See Methyl butyl ketone)						
				Coated Steel			MEK (See Methyl ethyl ketone)						
Hydrofluoric acid (<50%)	C	D	D	Polypropylene or PVDF			Mercaptobenzoethiazol, sodium salt solution	C	C	C	*	*	X
				Coated Steel			Mercuric chloride (saturated)	A	D	D	Polypropylene		
Hydrofluosilicic acid	A	A	D	X	*	*	Mesityl oxide	A	A	B	*	*	*
Hydrogen peroxide (<50%)	B	B	D	X	*	X	Methacrylic acid	B	B	D	*	*	*
Hydrogen sulphide (aqueous - saturated)	A	D	D	X	*	X	Methacrylonitrile	C	C	C	*	*	X
Hydroquinone	A	A	A	*	*	X	Methanol	C	C	C	*	*	X
2-Hydroxyethyl acrylate	C	C	C	*	*	X	Methyl acetate	C	C	C	*	*	*
Iodine solution	B	D	D	*	*	X	Methyl aceto acetate	C	C	D	X	*	*
Iron halides	A	D	D	Polypropylene			Methyl acetone	B	B	B	*	*	*
Iron salts (excluding halides - saturated)	A	B	D	*	*	*	Methyl acrylate	B	B	B	*	*	*
Isoamyl acetate	B	B	B	*	*	*	Methyl alcohol	A	A	A	*	*	*
Isoamyl alcohol	B	B	B	*	*	*	Methylamine	B	B	C	*	*	*
Isoamyl bromide	B	D	D	X	*	X	Methyl amyl acetate	C	C	C	*	*	*
Isoamyl butyrate	B	B	B	*	*	*	Methyl amyl alcohol	B	B	B	*	*	*
							Methyl amyl ketone	B	B	B	*	*	*
							Methyl butyl ketone (MBK)	B	B	B	*	*	*
							Methyl butyraldehyde	B	B	B	*	*	*
								See Special Chemiflex			X	*	X