

CHEMICAL RESISTANCE GUIDE

Fluid	PTFE / PFA	PVDF	PP	Fluid	PTFE / PFA	PVDF	PP
Diethyl Ether	230	NR	NR	Fish Oils	230		60
Diethyl Malonate	230	NR		Fluoboric Acid, aqueous solution	230	135	65
Diethyl Triamine	230	20	NR	Fluorine	230(i)	25	NR
Diethylamine, aqueous solution or liquid	230	NR	25	Fluorosilicic Acid	230		60
Diglycolic Acid	230	25	25	Formaldehyde, 37% in water	230	50	52
Di-isobutylene	230	135	NR	Formamide	230	135	107
Di-isobutylketone	230	95	NR	Formic Acid, aqueous solution or liquid	230	120	52
Di-isopropylketone	230	20		Freon	230	100	
Dimethyl Formamide	230	107		Fruit Juices	230	60	
Dimethyl Phthalate	230	NR	NR	Fuel Oil	230	135	NR
Dimethylacetamide	230	NR	25	Fumaric Acid	230	65	
Dimethylamine, aqueous solution or gas	230	25	52	Fuming Nitric Acid	230(i,iii)	NR	NR
Dimethylaniline	230	25	52	Fuming Sulphuric Acid	230(i,iii)	NR	NR
Dimethylformamide	230	NR	52	Furane	230	NR	NR
Dimethylsulphate	230	25		Furfural	230	NR	NR
Dimethylsulphoxide	230	NR		Furfuryl Alcohol, aqueous solution or solid	230	40	
Dioctyl Phthalate	230	NR	NR	Gallic Acid	230	25	65
Dioxalane	230	NR		Gas Natural	230	135	
Dioxane	230	NR	NR	Gelatine	230		107
Diphenyl Oxide	230	50		Geraniol	230		
Dipropylene Glycol Monomethyl Ether	230	25	65	Gin	230		
Disodic Phosphate, aqueous solution or solid	230	95		Glucose	230	135	107
Distilled Water	230	135	107	Glue	230		
Divinylbenzene	230	50		Glutamic Acid	230	95	
Dyes	230			Glycerine	230	135	107
Ethyl cyanocyanate	230	25	38	Glycine	230	25	
Epichlor Hydrin	230	NR	50	Glycolic Acid	230	NR	65
Epoxy Resins	230	NR	NR	H.T.P.	230	NR	NR
Epsom Salts	230	135	107	Helium	230	135	107
Esters	230	20		Heptane	230	135	NR
Ethanal	230	NR		Hexachloro-Butadine	230	50	
Ethanol	230	135	NR	Hexamethylene Diamine	230	NR	NR
Ethanolamine, aqueous solution or liquid	230	NR		Hexamethylphosphotriamide	230	NR	
Ether	230	20	NR	Hexane	230	135	NR
Ethyl Acetate	230	NR	NR	Hexyl Alcohol	230	80	
Ethyl Aceto Acetate	230	25		Hydrazine, aqueous solution or liquid	230	95	
Ethyl Acrylate	230	25	NR	Hydrazine Dihydrochloride, aqueous solution or solid	230	25	
Ethyl Alcohol, aqueous solution or liquid	230	135	65	Hydrazine Hydrate, aqueous solution or liquid	230	50	
Ethyl Chloride	230	135	NR	Hydriodic Acid, aqueous solution	230	135	NR
Ethyl Chloroacetate	230	25	38	Hydrobromic Acid, up to 50% in water	230	135	107
Ethyl Chloroformate	230	50		Hydrochloric Acid	230 (i)	135	65
Ethyl Ether	230	50		Hydrocyanic Acid, aqueous solution	230	135	65
Ethyl Formate	230			Hydrofluoric Acid, up to 40% in water	230	120	93
Ethyl Formiate	230	25		Hydrofluoric Acid, 41 to 100% in water	230(i,iii)	95	
Ethyl Hexanol	230	120		Hydrofluorosilicic Acid	230	135	65
Ethyl Mercaptan	230	25		Hydrogen	230(i,ii)	135	79
Ethylbenzene	230 (i)	50	NR	Hydrogen Chloride	230	135	
Ethylene Bromide	230	135	NR	Hydrogen Cyanide	230	135	
Ethylene Chloride	230	135	NR	Hydrogen Fluoride	230 (i)	95	
Ethylene Chlorohydrin, aqueous solution or liquid	230	NR	NR	Hydrogen Peroxide, 90% in water	230	20	25
Ethylene Cyanohydrin	230			Hydrogen Peroxide, up to 30% in water	230	95	38
Ethylene Diamine	230	NR	NR	Hydrogen Phosphide	230	60	60
Ethylene Dibromide	230	NR	NR	Hydrogen Sulphide	230	135	52
Ethylene Dichloride	230	135	25	Hydroquinone	230	120	52
Ethylene Glycol, aqueous solution or liquid	230	135	65	Hydroxysuccinic Acid, aqueous solution	230	120	
Ethylene Oxide	230	NR	NR	Hypochlorous Acid, aqueous solution	230	20	65
Ethylenediamene, aqueous solution or liquid	230	110		Inks	230	135	107
Ethylhexyl Acetate, aqueous solution or liquid	230	95		Iodine, 10% in non-aqueous solvent	230	65	NR
Fatty Acids	230	135		Iodine Gas	230	65	NR
Fatty Acids, Sulphonates	230	80		Iodoform	230	95	25
Ferric Chloride	230	20	107	Iron (II) Chloride, aqueous solution or solid	230	135	93
Ferric Hydroxide	230	120		Iron (II) Sulphate	230	135	107
Ferric Nitrate, aqueous solution or solid	230	135	107	Iron (III) Chloride, aqueous solution or solid	230	135	107
Ferric Sulphate	230	135	107	Iron (III) Sulphate	230	135	107

Notes: Temperatures indicated are in °C Max. "NR" denotes NOT RECOMMENDED.

Index: (i) Sensitive to permeation (ii) Generates electrostatic charges (iii) Antistatic grade not recommended

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