

CHEMICAL RESISTANCE GUIDE

Fluid	PTFE / PFA	PVDF	PP	Fluid	PTFE / PFA	PVDF	PP
Petrol Leaded	230	135	NR	Pyrogallol	230	60	
Petrol Unleaded	230	135	NR	Red Phosphorous	230	25	
Phenol	230	50	93	Rubber Adhesives	230	NR	NR
Phenol, 5% in water	230(i)	80	65	Salicylic Acid	230	95	52
Phenolsulphonic Acid	230	50		Salicylic Aldehyde	230	NR	
Phenylhydrazine	230	50		Salt Water	230	135	107
Phenylhydrazine Hydrochloride, aqu soln or solid	230	50		Secondary Alcohol	230	50	
Phosgene	230	80	NR	Secondary Butyl Alcohol, aqueous solution or liquid	230	95	NR
Phosphoric Acid, 85% in water	230	110	65	Secondary Butylamine, aqueous solution or liquid	230	20	NR
Phosphorous Oxychloride	230	NR	NR	Selenic Acid	230	65	
Phosphorous Trichloride	230	95	NR	Silicon Fluid	230	120	93
Phosphorus	230	20		Silicon Tetrachloride	230	50	
Phosphorus Pentachloride	230	95	NR	Silver Cyanide	230	135	107
Phosphorus Pentoxide	230	95	79	Silver Nitrate, aqueous solution or solid	230	135	107
Phosphoryl Chloride	230			Silver Sulphate	230	120	
Photographic Solutions	230	107		Soap	230		60
Phtalic Acid	230	100	20	Sodium	230	NR	
Phtalic Anhydride	230			Sodium Acetate, aqueous solution or solid	230	135	93
Phthalic	230	95	25	Sodium Amalgam	230	NR	
Picric Acid	230	25	25	Sodium Benzoate, aqueous solution or solid	230	135	107
Polyethylene Glycol	230	95	79	Sodium Bicarbonate	230	135	107
Polyvinyl Acetate	230	135	25	Sodium Bisulphate, aqueous solution or solid	230	135	107
Polyvinyl Alcohol	230	135	52	Sodium Bisulphite, aqueous solution or solid	230	135	107
Polyvinyl Chloride	230			Sodium Bromate, aqueous solution or solid	230	95	
Potash Alum, aqueous solution or liquid	230	135		Sodium Bromide, aqueous solution or solid	230	135	107
Potassalumite Chloride	230	135	93	Sodium Carbonate, aqueous solution or solid	230	135	107
Potassium	230	NR		Sodium Chlorate, aqueous solution or solid	230	120	99
Potassium Acetate, aqueous solution or solid	230	135		Sodium Chloride	230	135	107
Potassium Bicarbonate, aqueous solution or solid	230	95	107	Sodium Chlorite, aqueous solution or solid	230	120	93
Potassium Bisulphate, aqueous solution or solid	230	135		Sodium Chromate, aqueous solution or solid	230	95	107
Potassium Borate, aqueous solution or solid	230	135		Sodium Cyanide, aqueous solution or solid	230	135	79
Potassium Bromate, aqueous solution or solid	230	135	107	Sodium Dichromate, aqueous solution or solid	230	95	107
Potassium Bromide, aqueous solution or solid	230	135	107	Sodium Ferrocyanide, aqueous solution or solid	230	135	65
Potassium Carbonate, aqueous solution or solid	230	135	107	Sodium Fluoride, aqueous solution or solid	230	135	65
Potassium Chlorate	230	95	107	Sodium Fluosilicate	230	95	
Potassium Chloride, aqueous solution or solid	230	135	93	Sodium Hydrogen Phosphate	230	120	
Potassium Chromate, aqueous solution or solid	230	135	93	Sodium Hydroxide, over 50% in water	230	85	65
Potassium Cyanide, aqueous solution or solid	230	135	107	Sodium Hydroxide, up to 10% in water	230	NR	79
Potassium Dichromate	230	135	107	Sodium Hypochlorite, 6 to 15% in water	230	95	65
Potassium Ferrocyanide, aqueous soln or solid	230	135	107	Sodium Hypochlorite, up to 5% in water	230	135	65
Potassium Fluoride, aqueous solution or solid	230	135		Sodium Hyposulphite	230	40	
Potassium Hydroxide, over 50% in water	230	85		Sodium iodide, aqueous solution or solid	230	135	65
Potassium Hydroxide, up to 10% in water	230	NR	79	Sodium Nitrate, aqueous solution or solid	230	135	79
Potassium Hypochlorite, aqueous solution	230	95		Sodium Nitrite	230	135	107
Potassium Iodide, aqueous solution or solid	230	120		Sodium Palmitate	230	120	
Potassium Nitrate, aqueous solution or solid	230	135	79	Sodium Perchlorate, aqueous solution or solid	230	120	
Potassium Nitrite	230	100		Sodium Peroxide	230	95	52
Potassium Perborate	230	135	93	Sodium Phosphate	230	135	79
Potassium Perchlorate	230	95	65	Sodium Silicate	230	135	107
Potassium Permanganate	230	120	52	Sodium Sulphate	230	135	107
Potassium Persulphate, aqueous solution or solid	230	50		Sodium Sulphide	230	135	107
Potassium Sulphate	230	135	107	Sodium Sulphite	230	135	107
Potassium Sulphide	230	135	65	Sodium Thiocyanate, aqueous solution or solid	230	120	
Propane	230(i)	135	65	Sodium Thiosulphate, aqueous solution or solid	230	135	65
Propionic Acid	230	135	107	Sour Crude	230	135	
Propyl Acetate	230	40		Sour Gasoline	230(ii)	135	
Propyl Alcohol, aqueous solution or liquid	230	65	65	Stannic Chloride, aqueous solution or solid	230	135	65
Propylamine	230	NR		Stannous Chloride, aqueous solution or liquid	230	135	65
Propylene Dibromide	230	95		Stearic Acid	230	135	52
Propylene Dichloride	230	95	25	Stoddards Solvent	230	135	20
Propylene Glycol, aqueous solution or liquid	230	65		Succinic Acid	230	65	60
Propylene Oxide	230	NR		Sulphamic Acid	230		60
Pyridine	230	NR	NR	Sulphuric Anhydride	230	120	
Pyrogalllic Acid, aqueous solution or liquid	230	50		Sulphite Liquor	230		20

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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