

CHEMICAL RESISTANCE GUIDE

Fluid	PTFE / PFA	PVDF	PP	Fluid	PTFE / PFA	PVDF	PP
Iron (III) Sulphide	230	120		Methyl Methacrylate	230	50	93
Isoamyl Ester	230	120		Methyl Salicylate	230	65	52
Isobutyl Alcohol	230	120		Methyl Sulphuric Acid, aqueous solution or liquid	230	50	52
Isoctane	230	120		Methylamine	230	NR	
Isophorone	230	80		Methylene Bromide	230	80	
Isopropyl Alcohol, aqueous solution or liquid	230	60	60	Methylene Chloride	230	NR	NR
Isopropyl Chloride	230	40		Methylene Iodide	230	95	
Isopropyl Ether	230	50		Methyltrichlorosilane	230	65	
Isopropylbenzene	230	40		Milk	230	135	107
Jam	230	135	107	Mineral Oil	230	135	25
Jet Fuel JP4	230	100	NR	Molasses	230	65	
Jet Fuel JP5	230	100	NR	Monochloro Benzene	230	60	
Kerosene	230 (ii)	135	NR	Monochloroacetic Acid	230	NR	NR
Ketones	230	NR	20	Monoethanolamine	230	NR	60
Kraft Liquor	230	60		Morpholine	230	NR	52
Lactic Acid, aqueous solution or pure	230	NR	65	Naphtha	230 (i)	135	NR
Lanolin	230	120		Naphthalene	230 (i)	95	107
Lard	230	135	NR	Natural Gas	230	135	52
Lauric Acid	230	110	65	N-Butyl Mercaptan	230	135	NR
Lauroyl Chloride	230	120	65	N-Butylamine	230	NR	NR
Lauryl Alcohol Mercaptan	230	95		Nickel Acetate	230	120	
Lauryl Chloride	230	135	NR	Nickel Chloride, aqueous solution or solid	230	135	93
Lead Acetate	230	135	65	Nickel Nitrate, aqueous solution or solid	230	135	93
Lead Chloride	230	120		Nickel Plating Solution	230	135	107
Lead Nitrate, aqueous solution or solid	230	120		Nickel Sulphate	230	135	93
Lead Perchlorate	230	NR	NR	Nicotine	230	20	
Leaded Fuel	230	135	NR	Nicotinic Acid	230	120	
Lead-free Petrol	230(ii)	135	NR	Nitric Acid, 11 to 50% in water	230	50	25
Lemon Juice	230	135	107	Nitric Acid, up to 10% in water	230	50	79
Linoleic Acid	230	120	52	Nitric Acid Conc	230	20	NR
Linseed Oil	230	135	20	Nitric Oxide	230	NR	
Liqueurs	230		60	Nitric/Hydrofluoric Acid	230	135	60
Lithium Bromide, aqueous solution or solid	230	110		Nitric/Sulphuric Acid	230	60	NR
Lithium Chloride, aqueous solution or solid	230	120		Nitro Benzene	230	NR	52
Lubricating Oils	230	135	20	Nitroethane	230	20	65
Lyes	230		20	Nitrogen	230	135	107
Manganese Sulphate	230	120	107	Nitrogen Dioxide	230	75	
Magnesium Carbonate	230	135	107	Nitroglycerine	230	50	
Magnesium Chloride, aqueous solution or solid	230	135	107	Nitromethane	230	50	52
Magnesium Hydroxide	230	135	107	Nitrotoluene	230	80	
Magnesium Nitrate, aqueous solution or solid	230	135	107	Nitrous Acid	230	100	20
Maleic Acid, aqueous solution or solid	230	120	52	Octane	230	135	
Maleic Anhydride	230	25		Octene	230	135	NR
M-bromotoluene	230	80	NR	O-Dichlorobenzene	230	65	
Mercuric Chloride	230	120	65	Oil (petroleum)	230	120	65
Mercuric Cyanide	230	80	NR	Oleic Acid	230	120	65
Mercuric Nitrate, aqueous solution or solid	230	135	65	Oleum (Fuming Sulphuric)	230	NR	NR
Mercury	230	135	65	Olive Oil	230	50	52
Methacrylic Acid	230	50		Oxalic Acid	230	50	20
Methane	230(i)	135	52	Oxygen	230	135	NR
Methane Sulphonic Acid, aqueous soln or solid	230	95	52	Ozone	230	110	NR
Methanol	230	135	107	2-Phenyl Phenol	230	80	
Methyl Acetate	230	40		Palmitic Acid	230	120	79
Methyl Acrylate	230	40		Paper Pulp	230	135	107
Methyl Alcohol, aqueous solution or liquid	230	135	79	Paraffin	230		20
Methyl Bromide	230(i)	135	NR	Paraquat	230		
Methyl Cellosolve	230	135	20	P-Dibromobenzene	230	95	
Methyl Chloride	230(i)	135	NR	Penicillin	230		
Methyl Chloroacetate	230	25		Perchlorethylene	230 (i)	135	NR
Methyl Chloroform	230(i)	50	NR	Perchloric Acid, 70% in water	230	50	52
Methyl Ethyl Ketone	230(i)	NR	NR	Perchloric Acid, 10% in water	230	95	65
Methyl Isobutyl Ketone	230	NR	NR	Perchloromethyl Mercaptan	230	50	

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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