CHEMICAL RESISTANCE GUIDE

This Chemical Resistance Table serves only as a rough guide for the cost effective selection of the lining material. It does not constitute as a guarantee on the performance of the material for the application. Users should conduct independent research and tests to ascertain the suitability of the material for the particular application.

Fluid	PTFE / PFA	PVDF	PP	Fluid	PTFE/ PFA	PVDF	PP
Abietic Acid	230			Ammonium Thioglycolate	230		
Acetaldehyde	100	60	60	Ammonium Thiosulphate	230		107
Acetamide	230	25	93	Ammoniun Fluoride	100		
Acetic Acid	230	50	25	Amyl Acetate	230	50	NR
Acetic Acid, 90% in water	230	110	25	Amyl Alcohol	230	135	25
Acetic Acid, 50% in water	230	95	52	Amyl Chloride	230	135	NR
Acetic Acid, 10% in water	230	80	93	Amyl Nitrate	230	NR	NR
Acetic Acid (Glacial)	230	60	60	Aniline	230	50	52
Acetic Anhydride	230	NR	25	Aniline Hydrochloride, aqueous solution or solid	230	25	65
Aceto Acetic Ester	230	NR	NR	Antimony Trichloride	230	60	107
Aceto Phenone	230	NR		Aqua Regia	230	25	NR
Acetone	230	50	52	Arsenic Acid, aqueous solution	230	135	25
Acetone, 10% in water	230	NR	52	Ascorbic Acid	230		
Acetonitrile	230	50	25	Aureo Mycin	230		NR
Acetyl Bromide	230	50		Barium Carbonate	230	135	107
Acetyl Chloride	230	50	NR	Barium Chloride, aqueous solution or solid	230	135	93
Acetylacetone	230	NR		Barium Hydroxide	230	135	107
Acetylene	230	120		Barium Nitrate, aqueous solution or solid	230	135	
Acetylsalicylic Acid	230	NR	NR	Barium Sulphate	230	135	60
Acrylonitrile	230	25	38	Barium Sulphide	230	135	93
Adipic Acid	230	65	52	Barytes	230	135	107
Aircraft Fuel (JP4, JP5)	230	95	NR	Beer	230	135	60
Alkazid Lye	230			Beet Juice	230	60	
Alkyl Aryl Sulphonates	230			Benzaldehyde	230	NR	NR
Allyl Alcohol	230	50	93	Benzene	230 (i,ii)	75	NR
Allyl Chloride	230	100		Benzene Sulphonic Acid, aqueous soln or solid	230	50	20
Alum	230	107		Benzoic Acid	230	110	65
Aluminium Acetate, aqueous solution or solid	230	135		Benzole Chloride	230	75	NR
Aluminium Bromide	230	135		Benzole Peroxide	230	75	
Aluminium Chloride, up to 40% in water	230	135	107	Benzyl Alcohol	230	120	65
Aluminium Chlorohydrate	230	135	107	Benzyl Chloride	230	135	25
Aluminium Fluoride, aqueous solution or solid	230	135	65	Benzyl Ether	230	40	
Aluminium Hydroxide	230	135	99	Benzyl Peroxide	230	NR	NR
Aluminium Nitrate, aqueous solution or solid	230	135	74	Benzylamine, aqueous solution or liquid	230	25	
Aluminium Oxychloride	230	135		Black Liquor	230	135	60
Aluminium Potassium Sulphate	230	135	107	Blackcurrant Juice	230		NR
Aluminium Sulphate	230	107		Bleach	230		NR
Alumino Ferric	230	135	107	Borax	230	135	93
Ammmonium Nitrate	230	135	107	Boric Acid	230	135	107
Ammonium Alum, aqueous solution or solid	230	135		Boron Trifluoride	230	25	25
Ammonia Aqueous	230	NR	65	Brandy	230	135	107
Ammonia Gaseous	230	NR	65	Brine	230	135	107
Ammonium Acetate, aqueous solution or solid	230	80	52	Bromic Acid, aqueous solution	230	95	NR
Ammonium Bicarbonate	230	100	60	Bromine	230	60	NR
Ammonium Bifluoride, aqueous solution or solid	230	65	93	Bromine Dry Gas	230 (i)	65	NR
Ammonium Bisulphate	230	100	107	Bromine Liquid	230	65	NR
Ammonium Bromide, aqueous solution or solid	230	120		Bromine Water	230 (i)	100	NR
Ammonium Carbonate, aqueous soln or solid	230	135	107	Bromobenzene	230	65	20
Ammonium Chloride, aqueous solution or solid	230	135	107	Bromoform	230	65	NR
Ammonium Citrate	230	60		Butadiene	230 (i)	120	
Ammonium Dichromate, aqueous soln or solid	230	120	38	Butane	230 (i,ii)	120	52
Ammonium Fluoride, aqueous solution or solid	230	135	79	Butanol	230	60	
Ammonium Hydroxide	230	110	107	Butyl Acetate	230	NR	NR
Ammonium Metaphosphate, aques soln or solid	230	135	65	Butyl Acrylate	230	50	NR
Ammonium Nitrate, aqueous solution or solid	230	135	79	Butyl Alcohol, aqueous solution or liquid	230	110	NR
Ammonium Persulphate, aqueous soln or solid	230	25	65	Butyl Alcohol Prim	230	135	107
Ammonium Phosphate, aqueous soln or solid	230	135	93	Butyl Alcohol Sec.	230	135	107
Ammonium Sulphate	230	135	107	Butyl Alcohol Tert.	230	135	20
Ammonium Sulphide, aqueous solution or solid	230	50	65	Butyl Bromide	230 (i)	135	NR
Ammonium Thiocyanate, aqueous soln or solid	230	135	65	Butyl Chloride	230	135	NR

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