

A

Abietic Acid - Acidic Bittern

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Abietic Acid	150	100	Glass	80	100	C1
	110		ETFE	80		
	175		PFA	80		
Acetaldehyde	90	100	ETFE	50	100	XB
	90		Stainless Steel	50		XE
	90		Hard Rubber	150		PB
	150		PFA			
Acetic Acid ^50%	175	50	Glass	80	50	A2
	175		ETFE	50	50	XB
	175		Stainless Steel	80	10	XE
	175		Hard Rubber	140	50	PB
	175		PolyPropylene			
Acetic Anhydride	175	100	Glass	60	100	XB
	175		ETFE	60		U1
	175		PFA	150		PB
	140		Stainless Steel			
	140		Butyl			
Acetic Glacial	175	100	Glass	30	100	XB
	175		ETFE	120		PB
	110		PFA			
	110		Stainless Steel			
	175		Hard Rubber			
	175		Butyl			
Acetoacetic Ester	100	100	Glass	100	100	PB
	100		ETFE	100	100	PE
	100		Stainless Steel			
Acetone	60	100	Glass	60	100	XE
	60		ETFE	150		PB
	60		Stainless Steel	60		XB
	60		PolyPropylene	60		XC
	60		Cast Iron			
Acetylene	175	100	Cast Iron	100	100	PB
	175			150		PC
	175			175		XB
Acidic Bittern	80	100	PFA	50	100	XE
	80		Butyl	80		XC
				50		XB

A

Acrolein - Alkyl Aryl Sulfonates

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Acrolein	150	100	Glass	150	100	PB
	150		ETFE	150		
	175		PFA	150		
Acrylonitrile	150	100	Glass	100	100	PC
	65		ETFE	100		
	175		PFA	100		
	150		Stainless Steel	100		
Adipic Acid	135	100	ETFE	150	100	PB
	135		ETFE	100		XB
	175		PFA	150		PB
Adipic Acid	175	100	PFA	100	100	XB
	150		Stainless Steel	150		PB
	150		Hard Rubber			
Alcohol Allyl (2-Propenol)	100	100	ETFE	80	100	XE
	100		Stainless Steel	150		PB
	100		Hard Rubber	80		XB
	100		Cast Iron	60		A2
Alcohol Amyl	150	100	Glass	80	100	XE
	150		ETFE	100		PB
	150		Stainless Steel	80		XB
	150		Cast Iron	30		A2
	150		PVDF			
Alcoholic Drinks	100	100	Glass	100	100	XB
	100		PFA	100		
	100		Stainless Steel	100		
	60		PolyPropylene	100		
Alkaloid Phosphate	60	100	ETFE	60	100	XE
	60		Stainless Steel	60		N1
	60		PolyPropylene	60		XB
	60		Cast Iron	60		A2
	60		Neoprene			
Alkacid Lye	100	100	Stainless Steel	100	100	XB
	100		Butyl	100		XE
				80		A2
Alkyl Aryl Sulfonates	150	100	Glass	150	100	PB
	150		ETFE	80		A2
	150		PFA			
	150		Stainless Steel			
	150		PolyPropylene			
	150		PVDF			

A

Alumina - Aluminoferric

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Alumina	60	100	Butyl	60	100	A2
	60		Soft Rubber	60		XB
Aluminium	100	100	Butyl	100	100	A2
	100		Cast Iron	100		XB
	100		Soft Rubber			
Aluminium Acetate	150	100	ETFE	100	100	XE
	150		Stainless Steel	100		XB
	150		Hard Rubber	100		A2
	120		PolyPropylene			
	120		PVDF			
Aluminium Chloride	150	100	Glass	100	100	XE
	150		ETFE	100		PB
	150		Hard Rubber	100		XB
	150		PolyPropylene	100		A2
	150		PVDF			
Aluminium Chlorohydrate	150	100	Glass	100	100	XE
	150		ETFE	100		PB
	150		Hard Rubber	100		XB
	150		PolyPropylene	100		A2
	150		PVDF			
Aluminium Fluoride	150	100	ETFE	100	100	XE
	150		Hard Rubber	150		PB
	150		PolyPropylene	100		XB
	150		Butyl	100		A2
	100		PVDF			
Aluminium Silicofluoride	150	100	ETFE	110	100	XE
	150		Hard Rubber	100		XB
	150		PolyPropylene	100		A2
	85		Butyl			
	85		PVDF			
Aluminium Sulfate	150	100	Glass	110	100	XB
	150		ETFE	110		XE
	150		Hard Rubber	100		A2
	150		PolyPropylene			
	150		PVDF			
Aluminoferric	150	100	Glass	110	100	XB
	150		ETFE	110		XE
	150		Hard Rubber	100		A2
	150		PolyPropylene			
	150		PVDF			

A

Amino Acids - Ammonium Carbamate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Amino Acids	150	100	Glass	100	100	XB
	150		ETFE	150		PB
	150		PFA			
	150		Stainless Steel			
Amino Resin	150	100	Glass	150	100	PB
	150		PFA	80		XB
	175		Stainless Steel			
Ammonia Acetate	150	100	Glass	110	100	XE
	150		Hard Rubber	100		XB
	150			100		A2
Ammonia Aqueous (0.88)	110	30	ETFE	150	30	PB
	110		Stainless Steel	100		A2
	150		Hard Rubber			
	150		PolyPropylene			
	80		SG Iron			
Ammonia Gas (Dry)	125	100	ETFE	150	100	PB
	125		Stainless Steel	100		A2
	125		Hard Rubber	100		XB
	150		PolyPropylene			
	150		Cast Iron			
	150		PVDF			
Ammonia Liquid	150	100	Stainless Steel	100	100	A2
	150		Cast Iron	100		XB
Ammoniacal Liquor: Coke Ovens	120	100	ETFE	100	100	XB
	120		PFA	100		XE
	120		Cast Iron	100		PB
Ammonium Bicarbonate	85	100	Hard Rubber	110	100	XE
	85		PolyPropylene	100		XB
	85		PVDF	100		A2
Ammonium Bisulfate	85	100	Hard Rubber	110	100	XE
	85		PolyPropylene	100		XB
	85		PVDF	100		A2
Ammonium Carbamate	120	100	ETFE	150	100	PB
	120		Stainless Steel	100		A2
	120		Hard Rubber	100		XB
	150		PolyPropylene			
	150		PVDF			
	150		Hard Rubber			
	80		Cast Iron			
	80		PVDF			

A

Ammonium Chloride - Ammonium Persulfate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm	
Ammonium Chloride	150	100	Glass	110	100	XB	
	150		ETFE	110		XE	
	150		Hard Rubber	150		PB	
	150		PolyPropylene	100		A2	
	150		PVDF				
Ammonium Citrate	100	100	Stainless Steel	150	100	PB	
	100		Hard Rubber	100	100	XB	
	100		PolyPropylene	100	100	A2	
	85		PVDF				
Ammonium Fluoride	85	100	Hard Rubber	100	100	XB	
	85		PolyPropylene	100		A2	
	60		Butyl				
	60		PVDF				
Ammonium Fluosilicate	85	100	Hard Rubber	110	100	XE	
	85		PolyPropylene	100		XB	
	85		Butyl	100		A2	
	60		PVDF				
Ammonium Hydroxide	110	30	ETFE	150	30	PB	
	110		Stainless Steel	100	30	A2	
	110		Hard Rubber	100	30	XB	
	150		PolyPropylene				
	150		SG Iron				
Ammonium Molybdate	150	100	Glass	100	100	XB	
	150		Stainless Steel	100		XE	
	60		PolyPropylene	150		PB	
	100		Butyl				
	120		Cast Iron				
	100		PVDF				
	100		Neoprene				
Ammonium Nitrate	110	100	ETFE	110	100	XB	
	110		Stainless Steel	110		XE	
	110		Hard Rubber	150		PB	
	110		PolyPropylene	110		A2	
	150		Butyl				
	150		PVDF				
Ammonium Persulfate	150	100	Glass	110	100	XE	
	150		ETFE	150		PB	
	150		PFA	100		XB	
	110		Hard Rubber				
	110		PolyPropylene				
	110		Butyl				

A

Ammonium Phosphate - Aniline

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Ammonium Phosphate	150	100	Glass	110	100	XE
	150		ETFE	150		PB
	150		PFA	100		XB
	150		Hard Rubber	90		A2
	110		PolyPropylene			
	110		Butyl			
Ammonium Sulfate	150	100	Glass	110	100	XE
	150		ETFE	150		PB
	150		PFA	100		XB
	150		Stainless Steel	100		A2
	150		Hard Rubber			
	150		PolyPropylene			
	150		Butyl			
	150		PVDF			
Ammonium Sulfide	100	100	Glass	110	100	XE
	100		Hard Rubber	100		XB
	100		PolyPropylene	80		A2
	80	20	PVDF			
Ammonium Thiocyanate	150	100	ETFE	100	100	XE
	150		Hard Rubber	80		XB
	150		PolyPropylene	80		A2
Ammonium Thioglycolate	150	100	Glass	150	100	PB
	150	100	ETFE	80		XB
	150	100	PFA			
	150	100	PolyPropylene			
Ammonium Thiosulfate	100	100	Stainless Steel	100	100	XE
	100	100	Hard Rubber	150		PB
	100	100	PolyPropylene	80		XB
Amyl Acetate	150	100	Glass	140	100	PB
	120		ETFE			
	175		PFA			
	100		Stainless Steel			
	60		Gun Metal			
Amyl Nitrate	100	100	Glass	100	100	PB
	100		Stainless Steel	100		
Aniline	100	100	Glass	150	100	PC
	110		ETFE	150		
	175		PFA	150		
	150		Stainless Steel	150		
	150		Cast Iron	150		
	50		PVDF	150		

A

Aniline Black - Argon

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Aniline Black	100	100	Glass	100	100	PB
	80		ETFE	100		
	175		PFA	100		
	100		Stainless Steel	100		
	60		Hard Rubber	100		
Aniline Hydrochloride	150	100	Glass	150	100	PC
	65	10	ETFE	150		
	175	100	PFA	150		
Animal Oil	150	100	Cast Iron	80	100	XC
	150		SG Iron	120		PC
	150		Gun Metal	60		C1
Aniseed Oil:Anise Oil	150	100	Glass	80	100	XC
	150		Stainless Steel	150		PC
	100		Gun Metal			
Anthracene	150	100	Glass	80	100	XC
	150		Cast Iron	150		PB
	150		SG Iron			
Anthracite	176	100	Cast Iron	176	100	A2
	176		Soft Rubber	176		PB
	176		SG Iron			
	150		Glass			
	150		Stainless Steel			
Antifreeze Inhibited	-40	100	Stainless Steel	-30	100	XE
	-40		Cast Iron	-40		XB
	-40		Gun Metal	-50		A2
Antimony Trichloride	120	100	Glass	100	100	XE
	100		ETFE	150		PB
	175		PFA	100		XB
	80		Hard Rubber	80		A2
	60		PolyPropylene			
Apple Juice	120	100	Glass	100	100	XB
	120		Stainless Steel	80		A2
	120		PolyPropylene	80		C1
Aqua Regia	100	100	Glass	100	100	PC
	100		ETFE	100		
	150		PFA	100		
Argon	175	100	Stainless Steel	120	100	XB
	175	100	Cast Iron	150		XC
				175		PC

A

Arsenic - Avtur

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Arsenic	150	100	ETFE	110	100	XE
	150		Stainless Steel	150		PB
	150		PolyPropylene	100		XB
	150		Butyl	80		A2
Arsenic Acid	150	100	ETFE	110	100	XE
	150		PFA	150		PB
	150		Stainless Steel	100		XB
	150		Hard Rubber	80		A2
	175		PolyPropylene			
Asbestos: Natural mineral and cement	150	100	Cast Iron	80	100	A2
	150	100	Soft Rubber	150		XC
				100		A2
Ascorbic Acid	176	100	Glass	176	100	PB PE
	176		ETFE	176		
	176		Stainless Steel	176		
	176		PolyPropylene	176		
Ash: Dry or slurry	150	100	Cast Iron	100	100	A2
	150		Soft Rubber	100		
Asphalt	150	100	Cast Iron	80	100	XC
	150		SG Iron	150		PB
Aspirin (Acetyl Salicylic Acid)	150	100	Glass	150	100	PB
	150		ETFE	100		XB
	100		PFA			
	100		Stainless Steel			
Aureomycin	150	100	Glass	140	100	XB
	150		Stainless Steel	150	100	PB
Avcat	25	100	SG Iron	25	100	XC
	25		Gun Metal	25		C1
Avgas	25	100	SG Iron	25	100	XC
	25		Gun Metal	25		
Avtag	25	100	SG Iron	25	100	XC
	25		Gun Metal	25		C1
Avtur	25	100	SG Iron	25	100	XC
	25		Gun Metal	25		C1

B

Bagasse - Beeswax

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Bagasse: Alpha-cellulose, Pentosans + Lignin	120	100	Cast Iron	120	100	XB
	120			100		A2
Baking Powder	100	100	Stainless Steel	100	100	XB
	60		PolyPropylene	100		
Barium Carbonate	150	100	Glass	110	100	XE
	150		ETFE	100		XB
	150		Stainless Steel	100		A2
	150		PolyPropylene			
	150		PVDF			
Barium Chloride	150	100	ETFE	110	100	XE
	150		PFA	150		PB
	150		Stainless Steel	100		XB
	150		Hard Rubber	100		A2
	175		PolyPropylene			
	175		PVDF			
Barium Sulfate (Blanc Fixe)	100	100	Stainless Steel	60	100	XB
	100		PolyPropylene	60		A2
	60		Soft Rubber			
Barium Sulfide	150	100	ETFE	80	100	XB
	150		PolyPropylene	80		A2
	60		Soft Rubber			
Basic Slag	150	100	Cast Iron	80	100	A2
	80		Soft Rubber	100		XB
Battery Acid: Dilute Sulfuric	50	37	Hard Rubber	95	37	U1
	50	37	PolyPropylene	95	37	XB
				60	37	A2
Bauxite: Aluminite	110	100	Butyl	90	100	A2
	110		Cast Iron	100		XB
	150		Soft Rubber			
	150		SG Iron			
Beer	100	100	ETFE	130	100	XB
	100		Stainless Steel	130		
Beer Juices	85	100	Hard Rubber	120	100	XB
	85		PolyPropylene	100		A2
	60		Cast Iron			
Beeswax	150	100	Stainless Steel	80	100	XC
	150		Cast Iron	150		PB
				60		C1

B

Benzaldehyde - Biocide

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Benzaldehyde	175	100	Glass	150	100	PB PE
	100		ETFE	150		
	175		PFA	150		
	150		Stainless Steel	150		
Benzene (Benzol)	150	100	Glass	30	100	XC
	150		ETFE	150		PC
	100		PFA			
	100		SG Iron			
Benzene (Petroleum Naptha)	150	100	SG Iron	60	100	XC
	150			150		PC
Benzene Sulfonic Acid	150	100	Glass	80	100	XB
	150		Stainless Steel	150		PB
	60		Hard Rubber			
	60		PolyPropylene			
Benzoic Acid	150	100	Glass	80	100	XE
	150		ETFE	150		PB
	150		PFA	80		XB
	150		Hard Rubber	60		A2
	135		PolyPropylene			
	135		PVDF			
Benzoyl Chloride	150	100	Glass	150	100	PB
	65		ETFE	150		
	175		PFA	150		
Benzoyl Peroxide	25	100	Glass	25	100	PB
	25		ETFE	25		
	25		PFA	25		
	25		Stainless Steel	25		
Benzyl Alcohol	175	100	Glass	80	100	XC
	175		ETFE	175		PC
	150		PFA			
	150		Stainless Steel			
	175		PolyPropylene			
	175		PVDF			
Bilge (Ships)	60	100	PolyPropylene	100	100	N1
	60		Cast Iron	100		C2
	100		Neoprene			
Biocide	150	100	Cast Iron	150	100	PB
	150		SG Iron	80		XB

B

Biogas - Brandy

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Biogas	30	100	Stainless Steel	30	100	N1
	30		Neoprene	30		XC
	30		Cast Steel	30		C1
Bitumen	60	100	PolyPropylene	100	100	PB
	100		Cast Iron	100		
	100		Gun Metal	100		
Black Liquor: (Sulfite Process):	40	100	Glass	80	100	N1
	40		ETFE	150		PB
	40		PFA	80		XB
	120		Stainless Steel			
	120		Butyl			
	120		PVDF			
Black Oil	30	100	Stainless Steel	30	100	N1
	30		Cast Iron	30		XC
	30		Gun Metal	30		C1
Blackcurrant Juice	150	100	Glass	150	100	PB
	150		ETFE	80		C1
	150		Stainless Steel			
Blast Furnace Gas	150	100	Cast Iron	100	100	N1
	150		SG Iron	150		XC
	150			100		XB
Bleaching Powder	135	100	ETFE	90	100	U1
	135		Hard Rubber	70		A2
	80		PolyPropylene			
	80		PVDF			
Blood	176	100	PFA	176	100	PB
	176		Stainless Steel	176		
Boric Acid: Boracic Acid	150	100	ETFE	110	100	XE
	150	100	Stainless Steel	100		XB
	150	100	Hard Rubber	100		A2
	100	100	PolyPropylene			
	100	100	PVDF			
Boron Trifluoride	100	100	Stainless Steel	100	100	PB
Bovril	120	100	Stainless Steel	100	100	XB
	120		PolyPropylene	100		N1
Brandy	176	100	Stainless Steel	176	100	XB
	176		PolyPropylene	176		PB
	176		PVDF	176		A2

B

Brine - Butyl Cellosolve

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Brine	80	100	Hard Rubber	100	100	XB
	80		PolyPropylene	80		A2
	80		Gun Metal	100		C2
Brine Chlorinated	150	100	Glass	80	100	XC
	150		ETFE	80		U1
	150		Hard Rubber	30		A2
	100		PVDF			
Bromine Anhydrous	150	100	Glass	150	100	PC
	150		ETFE	150		KC
	65		PFA			
	65		PVDF			
Bromochloro Difluoro Methane (BCF)	25	100	Cast Iron	25	100	PB
	25		Gun Metal	25		
Butadiene	25	100	SG Iron	150	100	PB
Butane	25	100	SG Iron	25	100	N1
	25			XC		
	25			C1		
Butanol	150	100	Glass	80	100	XE
	150		ETFE	150		PB
	150		Stainless Steel	80		XB
	130		Hard Rubber			
	130		Cast Iron			
	130		PVDF			
	150		Gun Metal			
Butoxy Ethanol	150	100	SG Iron	100	100	PB
Butter	25	100	Stainless Steel	25	100	XC
	25		Stainless Steel	25		PB
	25		Stainless Steel	25		C1
Buttermilk	25	100	Stainless Steel	25	100	XC
	25			PB		
	25			C1		
Butterscotch	150	100	Stainless Steel	80	100	XB
	150			150		PB
Butyl Acetate	150	100	Glass	150	100	PB
	150		Stainless Steel	150		
Butyl Cellosolve	25	100	Hard Rubber	25	100	XB
	25		SG Iron	25		XE
				25		PB

B

Butylene - Butyric Acid

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Butylene "-C4 Fraction"	150	100	Stainless Steel	100	100	XC
	150		SG Iron	150		PB
Butyraldehyde	150	100	Glass	150	100	PB
	100		ETFE	150		
	150		PFA	150		
	100		Stainless Steel	150		
Butyric Acid	150	100	Glass	40	100	XE
	150		ETFE	100		PB
	150		PFA	40		XB
	120		Stainless Steel			

C

Cadmium Sulfate - Calcium Hypochlorite

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Cadmium Sulfate	150	100	Glass	100	100	XB
	150		Stainless Steel	100		A2
	120		Hard Rubber			
	120		PolyPropylene			
	85		Cast Iron			
Calcium Bisulfate	150	100	Glass	100	100	XB
	150		ETFE	100		A2
	150		Hard Rubber			
	150		PolyPropylene			
Calcium Bisulfite	150	100	Glass	100	100	XB
	150		ETFE	100		A2
	150		Hard Rubber			
	150		PolyPropylene			
Calcium Carbide	150	100	Cast Iron	100	100	N1
	150		SG Iron	100		A2
	150			100		XB
Calcium Carbonate	80	100	PolyPropylene	90	100	A2
	80		Cast Iron	100		XB
	80		Soft Rubber			
Calcium Chloride	85	100	Hard Rubber	100	100	XE
	85		PolyPropylene	100		XC
	85		PVDF	100		U1
	85		Gun Metal	100		XB
				80		A2
Calcium Cyanamide	60	100	PolyPropylene	100	100	XB
	60		Cast Iron	100		A2
	100		Soft Rubber			
Calcium Formate	60	100	Stainless Steel		100	
	80		Hard Rubber	100		XB
	80		PolyPropylene			
Calcium Gluconate	100	100	Stainless Steel	100	100	XE
	100		PolyPropylene	150		PB
				100		XB
				100		A2
Calcium Hydroxide	80	100	PolyPropylene	100	100	XB
	80		Soft Rubber	100		A2
Calcium Hypochlorite	150	100	ETFE	90	100	XC
	150		PFA	90		U1
	150		Hard Rubber	170		PC
	175		PVDF			

C

Calcium Nitrate - Camphene

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Calcium Nitrate	150	100	ETFE	150	100	PB
	150		PFA	100		XB
	150		Stainless Steel	100		A2
	175		Hard Rubber			
	175		PolyPropylene			
Calcium Oxalate	150	100	ETFE	150	100	PB
	150		Hard Rubber	100		XB
	150		PolyPropylene	100		A2
	80		PVDF			
Calcium Peroxide	25	100	ETFE	25	100	U1
	25		PFA	25		PB
	25		Stainless Steel	25		XB
	25		Butyl			
Calcium Phosphate	150	100	ETFE	90	100	N1
	150		Butyl	90		XB
	150		Neoprene	80		A2
Calcium Sulfamate	80	100	Hard Rubber	100	100	XB
	80		PolyPropylene	100		A2
	80		Cast Iron			
	80		PVDF			
Calcium Sulfite	125	100	ETFE	150	100	PB
	125		PFA	100		XB
	125		Stainless Steel	80		A2
	175		Hard Rubber			
	175		PolyPropylene			
Calgon	100	100	Stainless Steel	100	100	XB
	100		Hard Rubber	100		A2
	85		PolyPropylene			
Calomel: Mercurious Chloride	150	100	Glass	150	100	PB
	150		ETFE	100		XB
	150		PFA	100		A2
	125		Hard Rubber			
	125		PolyPropylene			
	125		PVDF			
Calor Gas	25	100	SG Iron	25	100	N1
	25			25		XC
	25			25		C1
Camphene	150	100	Stainless Steel	150	100	PB
	150		Cast Iron	150		
	150		SG Iron	150		

C

Camphor - Carbon Disulfide

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Camphor	150	100	Stainless Steel	150	100	PB
	150		SG Iron	150		
Cane Juice	85	100	Hard Rubber	120	100	XB
	85		PolyPropylene	100		A2
	80		Cast Iron			
Capric Acid	150	100	Glass	50	100	XC
	150		ETFE	150		PB
	150		PFA	30		C1
	125		PVDF			
Caproic Acid	120	100	ETFE	150	100	PB
	175		PFA	150		PE
	100		Stainless Steel	150		
Caprolactam	150	100	Glass	150	100	PB
	80		ETFE	150		PE
	175		PFA	150		
	100		Stainless Steel	150		
Capryl Alcohol	150	100	Glass	150	100	PB
	150		ETFE	150		PE
	175		PFA	150		
	150		Stainless Steel	150		
Capsacine	25	100	Glass	25	100	PB
	25		Stainless Steel	25		PE
Caramel	100	100	Stainless Steel	100	100	XB
	100		Gun Metal	100		PB
	100			100		A2
Carbitol: Glycol-Ether Solvent	150	100	Stainless Steel	150	100	PB
	150		SG Iron	150		PE
	150		Gun Metal	150		
Carbon ADC33	50	100	Cast Iron	50	100	XB
Carbon Black	150	100	Glass	80	100	N1
	150		Cast Iron	80		A2
Carbon Dioxide	150	100	ETFE	100	100	N1
	150		PolyPropylene	150		PB
	150		Cast Iron	100		XB
	150		PVDF	100		A2
	80		SG Iron			
Carbon Disulfide	65	100	ETFE	30	100	XC
	65		PFA	90		PC
	100		Stainless Steel			
	100		SG Iron			
	90		Gun Metal			

C

Carbon Monoxide - Chloralhydrate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Carbon Monoxide	150	100	Stainless Steel	100	100	N1
	150		SG Iron	100		PB
	150		Gun Metal	100		XB
Carbon Tetrachloride	100	100	Glass	30	100	XC
	100		ETFE	150		PC
	100		PFA			
	100		Stainless Steel			
	150		Cast Iron			
	150		SG Iron			
Caro's Acid (Permono Sulfuric Acid)	25	100	Glass	45	100	PB
	45		PFA	45		PE
Casein	150	100	Stainless Steel	100	100	XB
	80		PolyPropylene	100		
	150		Cast Iron	100		
Castor Oil	100	100	Stainless Steel	80	100	XC
	100		Gun Metal	150		PB
Caustic Potash	100	50	ETFE	150	100	PB
	100	50	PFA	100		XB
	100	100	PolyPropylene	80		A2
	175	100	Butyl			
Cellosolve	150	100	Glass	60	100	XE
	150		SG Iron	150		PB
	150		Gun Metal	60		XB
Cellulose Laquers	60	100	Glass	60	100	PB
	60		Stainless Steel	60		
	60		SG Iron	60		
Cement: Dry and Slurry	150	100	Glass	90	100	A2
	150		Cast Iron	90		
	150		Soft Rubber	90		
Cereclor	80	100	Glass	30	100	XC
	80		ETFE	150	100	PB
	80		PFA			
Chalk	90	100	PolyPropylene	90	100	A2
	90		Cast Iron	100		N1
	90		Soft Rubber	100		A2
China Clay	80	100	PolyPropylene	90	100	A2
	80		Cast Iron	100		N1
	80		Soft Rubber			
Chloralhydrate	100	100	Glass	100	100	PB
	100		PFA			

C

Chlorinated Copperas - Chloroparaffin

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Chlorinated Copperas	25	100	Stainless Steel	60	100	U1
	25		Hard Rubber	60		A2
	60		PolyPropylene			
Chlorine Dioxide	150	100	Glass	60	100	XC
	150		ETFE	150		
	120		PFA	60		
Chlorine Gas (Dry)	150	100	Glass	80	100	XC
	150		ETFE	150		PC
	150		PFA	150		KC
	100		PVDF			
Chlorine Gas Wet (and below dew point)	150	100	Glass	40	100	XC
	150		ETFE	100		PC
	150		PFA	150		KC
	120		Hard Rubber			
	120		PVDF			
Chlorine Liquid	50	100	Glass	50	100	XC
	50		ETFE	50		PC
	50		PFA	50		KC
	50		PVDF			
Chloroacetic Acid	100	100	Glass	150	100	KC
	110	50	ETFE	150		
	175	50	PFA	150		
Chlorobenzene	150	100	Glass	130	100	PC
	150		ETFE	150		KC
	100		PFA			
	100		Cast Iron			
	150		PVDF			
Chlorobromo-methane	60	100	ETFE	60	100	XC
	60		PFA	60		PC
	60		Stainless Steel	60		KC
	60		SG Iron			
	60		Gun Metal			
Chloroform:Trichloromethane	150	100	Glass	100	100	PC
	150		ETFE	150		KC
	100		PFA			
	100		SG Iron			
Chloromycetin	150	100	Glass	130	100	XB
	150		Stainless Steel	150		PB
Chloroparaffin	80	100	Glass	60	100	XC
	80		ETFE	150		PC
	80		PFA			

C

Chloroprene - Citronella Oil

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Chloroprene	60	100	Glass	50	100	XC
	60		PFA	100		PC
	60		Stainless Steel			
Chlorosilanes	100	100	Glass	100	100	PC
	100		PFA	100		
Chlorosulfonic Acid	100	100	Glass	100	100	PB
	100		PFA	150		KC
Chocolate	100	100	Stainless Steel	80	100	N1
	100		Cast Iron	100		XC
	100					PB
Chrome Alum	80	100	PolyPropylene	70	100	A2
	80		Butyl	100		PB
	80		Soft Rubber	80		XB
Chrome Plating Solutions	90	100	ETFE	150	100	PB
	90		PFA	80		XB
	175		Hard Rubber			
	175		PolyPropylene			
	50		Butyl			
Chrome Tanning Solutions	90	100	ETFE	150	100	PB
	90		PFA	80		XB
	175		Hard Rubber			
	175		PolyPropylene			
	50		Butyl			
Chromic Acid	120	50	Glass	50	50	XC
	120	50	ETFE	150		PB
	120	50	PFA	30		XB
	65	50	PVDF			
Cider	100	100	ETFE	120	100	XB
	100		Stainless Steel	120		
	60		PolyPropylene	120		
	100		PVDF	120		
	100		Gun Metal	120		
Citric Acid	100	100	Glass	150	100	PB
	100		Stainless Steel	100		XB
	100		PolyPropylene	100		A2
	100		Gun Metal			
Citronella Oil	150	100	Glass	60	100	XC
	150		Stainless Steel	150		PC
	150		Gun Metal			

C

Citrus Juice - Coke Oven Gas

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Citrus Juice	100	100	Glass	100	100	PB
	100		Stainless Steel	100		A2
	100		PolyPropylene			
	100		PVDF			
Citrus Oils	100	100	Glass	60	100	XC
	100		Stainless Steel	100		PC
Coal Dust	150	100	Glass	100	100	A2
	150		Cast Iron	100		N1
	150		Soft Rubber			
Coal Slurry	100	100	Glass	90	100	A2
	100		Cast Iron	100		N1
	100		Soft Rubber	100		A2
Coal Tar	150	100	Glass	25	100	XC
	150	100	SG Iron	150		PC
				25		C1
Cobalt Nitrate	85	100	Hard Rubber	100	100	XE
	85		PolyPropylene	100		N1
	85		Neoprene	150		PB
				100		XB
Cocoa Butter	100	100	Stainless Steel	80	100	N1
	100	100	Cast Iron	100		XC
				100		PB
Coconut Oil	150	100	Stainless Steel	80	100	N1
	150		Cast Iron	100		XC
	150		PVDF	150		PB
Cod liver Oil	150	100	Glass	60	100	N1
	150	100	Stainless Steel	80		XC
				150		PB
Coffee	100	100	Stainless Steel	100	100	XB
	100			PB		
Coffee: (Freeze Dried)	-50	100	Stainless Steel	-40	100	XE
	-50		Gun Metal	-40		XB
Coke Oven Gas	100	100	ETFE	100	100	N1
	100		Cast Iron	120		XC
	100		SG Iron	100		XB
	100		Gun Metal	100		C1

C

Coke Quench Water - Copperas

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Coke Quench Water	100	100	Glass	100	100	XE
	100		Hard Rubber	100		N1
	100		PolyPropylene	100		XB
	100		Cast Iron	80		A2
Colophony Resin: Abietic Acid Based	150	100	Glass	60	100	XC
	150		Stainless Steel	150		PB
	150		Gun Metal			
Compressed air (Oil free)	150	100	Cast Iron	100	100	N1
	150	100	SG Iron	60		XB
	150	100	Gun Metal	60		A2
	150			100		C1
Compressed air (Oily)	150	100	Cast Iron	60	100	N1
	150	100	SG Iron	80		XC
	150	100	Gun Metal	150		PB
				60		C1
Concrete	150	100	Cast Iron	80	100	A2
	80		Soft Rubber	80		
Cooking Oil	150	100	Stainless Steel	80	100	XC
	150		Hard Rubber	80		C1
	150		Cast Iron	150		PC
Copper Chromate	100	100	Stainless Steel	100	100	XE
	100	100	Cast Iron	100		XC
	100	100	SG Iron	100		U1
				100		PB
Copper Oxychloride	80	100	Hard Rubber	100	100	XB
	80		PolyPropylene	80		A2
	60		Butyl			
	60		PVDF			
Copper Plating Solutions	60	100	Hard Rubber	150	100	PB
	60		PolyPropylene	80		XB
	60		Butyl			
Copper Sulfate	100	100	Stainless Steel	100	100	PB
	100		Hard Rubber	100		XB
	75		PolyPropylene			
	75		Butyl			
	80		PVDF			
Copperas	100	100	ETFE	80	100	U1
	100		Hard Rubber	80		XB
	100		PolyPropylene	60		A2

C

Corn Oil - Cutting Oil

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Corn Oil	150	100	Stainless Steel	100	100	XC
	150		Cast Iron	150		PC
Cottonseed Oil	120	100	Stainless Steel	60	100	N1
	120	100	Cast Iron	80		XC
				150		PB
Cream	120	100	Stainless Steel	80	100	XC
Creosote	120	100	Glass	60	100	XC
	120	100	SG Iron	150		PC
				25		C1
Cresol	150	100	SG Iron	50	100	XC
	150			150		PC
Crude Oil	150	100	SG Iron	80	100	XC
	150			150		PC
Cumene	150	100	Glass	50	100	XC
	150		SG Iron	150		PC
Cumene Hydroperoxide	53	100	Glass	53	100	PB
	53		Stainless Steel	53		
	53		Cast Iron	53		
Cupric Chloride (Copper II Chloride)	175	100	PFA	150	100	PB
	80		Hard Rubber	100		XB
	100		PolyPropylene	80		A2
	100		Butyl			
	100		PVDF			
Cuprous Ammonium Formate	100	100	Glass	150	100	PB
	100		Stainless Steel	100		XB
	100		Hard Rubber	80		A2
	80		PolyPropylene			
	80		Butyl			
Cuprous Chloride (Copper I Chloride)	80	50	Hard Rubber	100	100	XB
	80	50	Butyl	80		A2
	100	100	PVDF			
Cutting Oil	100	100	SG Iron	40	100	N1
	100	100	Gun Metal	80		XC
				40		C1

C

Cyanacetic acid - Cyclohexylamine

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Cyanacetic acid	150	100	Glass	60	100	XB
	150		ETFE	150		PB
	90		PFA			
	90		Hard Rubber			
	175		PolyPropylene			
	175		PVDF			
Cyanamide	30	100	Glass	30	100	PB
	30		Stainless Steel	30		
	30		SG Iron	30		
Cyanide Sludges	80	100	Hard Rubber	100	100	XB
	80		PolyPropylene	80		A2
	60		Butyl			
Cyanogen	20	100	Stainless Steel	20	100	PB
	20		Hard Rubber	20		XB
Cyclohexane	150	100	Cast Iron	60	100	XC
	150		PVDF	150		PC
	75		SG Iron			
	75		Gun Metal			
Cyclohexanol	150	100	PFA	80	100	XC
	150		Stainless Steel	150		PB
	150		PVDF	60		C1
	100		SG Iron			
Cyclohexanone	150	100	Glass	175	100	PB
	150		ETFE	175		
	150		Stainless Steel	175		
Cyclohexylamine	150	100	Stainless Steel	150	100	PB
	150		Cast Iron	150		

D

DDT - Dibutyl Ether

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm	
DDT:2,2, Bis P-Chloro-Phenyl-111Trichloroethane.	60	100	Stainless Steel	25	100	N1	
	60	100	SG Iron	60		XC	
				60		PB	
				25		C1	
Decalin	150	100	Glass	60	100	XC	
	150		ETFE	175		PC	
	150		PFA	25		C1	
	120		Cast Iron				
	120		SG Iron				
	120		Gun Metal				
Deionised or Demineralised Water	100	100	Stainless Steel	50	100	XB	
	100		Hard Rubber	50	100	XE	
	100		PolyPropylene	100	100	PB	
	85		Butyl				
	85		PVDF				
Detergent Alkalyte	150	100	Cast Iron	60	100	XC	
	150		SG Iron	150	100	PC	
				25	100	C1	
Detergents	100	100	Glass	100	100	N1	
	100		Stainless Steel	100	100	XB	
	100		Hard Rubber	100	100	C1	
	100		PolyPropylene				
	100		Gun Metal				
Dextran: Polysaccharide	120	100	Glass	25	100	XB	
	120		Stainless Steel	25		XE	
				150		PB	
Dextrin	150	100	Glass	100	100	N1	
	150		ETFE	150	100	PB	
	150		PFA	100	100	XB	
	150		Hard Rubber	100	100	A2	
	150		Cast Iron				
Diacetone Alcohol	150	100	Glass	25	100	XB	
	150		ETFE	25		XE	
	150		PFA	150		PB	
	100		Cast Iron				
Diazo Compounds	100	100	Glass	100	100	PB	
	100		Hard Rubber				
Dibutyl Ether	142	100	Glass	142	100	PB	
	142		PFA				
	142		SG Iron				
	142		Gun Metal				

D

Dichloroacetic Acid - Dimethyl Ether

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Dichloroacetic Acid	150	100	Glass	150	100	PB
	150		ETFE	150		KC
	65		PFA			
Dibutyl Phthalate	150	100	Glass	50	100	XE
	150		Glass	150		PB
	150		PFA	50		XB
	150		Stainless Steel			
	150		Cast Iron			
Dichlorobenzene	150	100	Glass	150	100	PB
	150		PFA	150	100	XC
	150		Cast Iron			
	150		ETFE			
Diesel Oil	60	100	SG Iron	60	100	XC
	60	100	Gun Metal	150		PC
				25		C1
Diethanolamine	100	100	Stainless Steel	60	100	XC
	100		Hard Rubber	150		PB
	100		PolyPropylene	40		A2
	100		Cast Iron	60		XB
Diethyl Sulfate	150	100	Glass	25	100	XB
	150		ETFE	150		PB
	60		PFA			
	60		Cast Iron			
	150		Glass			
Diethylamine	100	100	Glass	150	100	PB
	100		ETFE			
	150		PFA			
	100		Stainless Steel			
Diethylene Glycol: Digol	150	100	ETFE	80	100	N1
	150		PFA	100		PB
	150		Hard Rubber	80		XB
	150		Cast Iron	80		A2
	150		PVDF	80		XE
	150		Gun Metal			
Diglycolic Acid	150	100	Glass	150	100	PB
	150		ETFE	60	100	XB
	100		PFA			
	100		Stainless Steel			
	150		Hard Rubber			
	150		PolyPropylene			
Dimethyl Ether	25	100	Stainless Steel	25	100	PB
	25		SG Iron			

D

Dimethyl Formamide - Dolomite

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Dimethyl Formamide	150	100	Glass	150	100	PB
	100		ETFE			
	150		PFA			
	150		Stainless Steel			
	100		Cast Iron			
Dimethyl Sulfate	150	100	Glass	150	100	PB
	60		ETFE			
	150		PFA			
	80		Cast Iron			
Dimethyl Sulfoxide	60	100	Glass	60	100	PB
	60		ETFE			
	60		PFA			
	60		Cast Iron			
	60		Gun Metal			
Dimethyl Terephthalate	150	100	Glass	150	100	PB
	150		Stainless Steel			
Diocetyl Phthalate	150	100	Glass	150	100	PB
	65		ETFE			
	150		PFA			
	150		Cast Iron			
Dioxan (Diethylene Dioxide)	150	100	Glass	101	100	PB
	65		ETFE			
	150		PFA			
	101		Stainless Steel			
	101		SG Iron			
Dipentene. Terpene	175	100	SG Iron	60	100	XC
	175		Gun Metal	175		PC
	175		Cast Steel			
Diphenylamine	150	100	Cast Iron	150	100	PB
	150		Cast Steel			
Disinfectants	100	100	Glass	100	100	PB
	100		Hard Rubber	80		XB
	80		PolyPropylene			
	80		Cast Iron			
Distilled Water (Pyrogen Free)	100	100	Glass	100	100	XB
	100		ETFE	100		PB
	100		Stainless Steel			
	100		PolyPropylene			
	100		PVDF			
Dolomite	150	100	Cast Iron	90	100	A2
	150		Soft Rubber	100		N1

D

Dowtherm - Dye Liquors

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Dowtherm	150	100	Stainless Steel	100	100	XC
	150		SG Iron	150		PC
	150		Cast Steel			
Dye Liquors	100	100	Glass	100	100	XB
	100		ETFE	100		PB
	100		Stainless Steel			
	100		Butyl			

E

Eau de Cologne - Ethanol

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm	
Eau de Cologne	75	100	Glass	75	100	XB	
	75		Stainless Steel	75			
EDTA	100	100	Glass	100	100	XE	
	100		ETFE	100		N1	
	100		Hard Rubber	100		PB	
	100		PolyPropylene	100		A2	
	100		Butyl	100		XB	
	100		PVDF				
Efapip SU561	50	100	Stainless Steel	50	100	XE	
	90		ETFE	90		XB	
	90		PFA	90		PB	
	90		Hard Rubber				
	75		Butyl				
	75		PVDF				
Electrophoretic Paint	60	100	Glass	60	100	XE	
	60		Stainless Steel	150		PB	
	60		Hard Rubber				
	60		Cast Iron				
	60		SG Iron				
Epichlorohydrin	116	100	Glass	116	100	PB	
	65		ETFE				
	116		PFA				
Epoxy Resins	25	100	Glass	25	100	PB	
	25		PFA				
	25		Stainless Steel				
	25		Cast Iron				
Essential Oils:Terpenes	100	100	Glass	30	100	XC	
	100		ETFE	150		PC	
	100		PFA				
	100		Stainless Steel				
Ethane	175	100	SG Iron	80	100	N1	
	175	100	Cast Steel	150		XC	
				150		PB	
				80		C1	
Ethanol (Ethyl Alcohol)	150	96	Glass	80	100	N1	
	150		ETFE	80		XE	
	150		Stainless Steel	150		96	PB
	150		Hard Rubber	80		100	XB
	150		PolyPropylene	80		100	A2
	150		Cast Iron				
	150		PVDF				
	150		Neoprene				

E

Ethanamine - Ethylene Bromide

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Ethanamine	150	100	Glass	150	100	PB
	150		PolyPropylene	90	100	XB
	60		Cast Iron			
	60		SG Iron			
Ether (Diethyl Ether)	150	100	Glass	100	100	PB
	100		ETFE			
	150		PFA			
	100		Stainless Steel			
	100		Cast Steel			
Ethyl Acetate	77	100	Glass	77	100	PB
	77		ETFE	30	100	XB
	65		PFA			
	65		Stainless Steel			
	77		Cast Steel			
Ethyl Acetoacetate	150	100	Glass	150	100	PB
	65		ETFE			
	150		PFA			
	100		Stainless Steel			
Ethyl Benzene	150	100	Glass	30	100	XC
	80		ETFE	150	100	PC
	80		PFA			
	150		SG Iron			
	150		Cast Steel			
Ethyl Chloride (Chloro Ethane)	150	100	Glass	40	100	XC
	150		ETFE	150		PC
	150		PFA	25		XB
Ethyl Chloroformate	150	100	Glass	95	100	PB
	90		Gun Metal			
Ethyl Mercaptan (Ethanethiol)	37	100	Glass	37	100	PB
	37		PFA			
	37		Stainless Steel			
	37		PVDF			
Ethylene (Ethene)	100	100	SG Iron	100	100	N1
	100		SG Iron	100		PB
	100		Gun Metal	100		C1
	100		Cast Steel	100		N1
	100		ETFE	100		XC
Ethylene Bromide (1,2, Dibromoethane)	150	100	ETFE	150	100	PC
	150		PFA	40	100	XC
	150		Stainless Steel			
	120		Cast Iron			

E

Ethylene Chlorohydrin - Ethylene Oxide

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Ethylene Chlorohydrin (2-Chloroethanol)	130	100	Glass	130	100	PB
	130		ETFE	30		XB
	65		PFA			
	65		Stainless Steel			
Ethylene Cyanohydrin	175	100	Glass	100	100	PB
	175		PFA			
	175		Stainless Steel			
	175		Cast Iron			
Ethylene Diamine (Diaminoethane)	80	100	Glass	116	100	PB
	80		ETFE	30		XB
	50		PFA			
	50		Stainless Steel			
	116		Hard Rubber			
	116		Cast Iron			
Ethylene Diamine Dihydrochloride	100	30	Glass	100	30	PB
	100		ETFE	80		XB
	100		PFA	60		A2
	50		Hard Rubber			
	50		Butyl			
Ethylene Dichloride	150	100	Glass	25	100	XC
	150		ETFE	150		PC
	150		PFA			
Ethylene Glycol	150	100	ETFE	90	100	XB
	150		Hard Rubber	90		XE
	150		Cast Iron	150		PC
	80		PVDF			
	80		Gun Metal			
Ethylene Oxide	150	100	Glass	150	100	PC
	110		ETFE			
	150		PFA			
	100		Stainless Steel			
	100		Gun Metal			

F

Fats - Fish Oil

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Fats (Triglycerides)	100	100	Glass	100	100	XC
	100		Stainless Steel	100		PC
	100		Cast Iron	100		C1
Fatty Acid	150	100	Glass	60	100	XC
	150		ETFE	150		PC
	150		Stainless Steel	40		C1
	150		PolyPropylene			
	150		PVDF			
Fatty Alcohols	175	100	Glass	60	100	XC
	175	100	Stainless Steel	150		PB
				30		C1
Ferric Chloride	150	50	ETFE	80	50	XB
	150		PFA	80		XE
	150		Hard Rubber	150		PB
	150		PolyPropylene	70		A2
	175		PVDF			
Ferric Hydroxide.(Sludge)	70	100	Hard Rubber	60	100	A2
	70		Hard Rubber	80		XE
	70		PolyPropylene	80		XB
	70		Butyl	70		A2
	60		Soft Rubber	60		A2
Ferric Sulfate	150	100	ETFE	80	100	XE
	150		Stainless Steel	150		PB
	150		Hard Rubber	80		XB
	150		PolyPropylene	70		A2
	90		Butyl			
Ferrous Chloride	150	100	Glass	80	100	XE
	150	100	ETFE	80		XC
	150	100	Hard Rubber	60		U1
	150	100	PolyPropylene	150		PB
	150	100	PVDF	80		XB
				70		A2
Fertiliser (Dry Powder)	100	100	Cast Iron	80	100	A2
	100		Neoprene	100		N1
	100		Soft Rubber			
Fertiliser Slurry	90	100	Butyl	70	100	A2
	90		Neoprene	90		N1
	90		Soft Rubber	90		XB
Fire Foam	176	100	SG Iron	176	100	PB
	176	100	Gun Metal	176		A2
				176		C1
Fish Oil	100	100	Glass	60	100	XC
	100		Stainless Steel	150		PC
	100		Cast Iron	40		C1

F

Flour - Fuel Oil

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Flour	30	100	Stainless Steel	30	100	A2
	30		Cast Iron	30		XB
	30		Soft Rubber	30		XE
Flue Gas	150	100	Cast Iron	100	100	N1
	150		SG Iron	100		XC
				100		XE
Fluorine : Pure Dry	40	100	ETFE	20	100	PB
	40			20		A2
Fluoroboric Acid	135	1000	ETFE	150	100	PB
	135		PFA	80		XB
	135		Hard Rubber	60		A2
	150		PVDF	80		XE
Fluosilicic Acid	135	50	ETFE	100	50	N1
	135		PolyPropylene	150		PB
	135		Butyl	80		XB
	135		PVDF	80		A2
Formaldehyde (Methanal or Formalin)	110	100	ETFE	50	100	N1
	110		PFA	150		PB
	110		Stainless Steel	60		XB
	150		PolyPropylene			
	150		Butyl			
Formamide	150	100	Glass	120	100	PB
	150		PFA	80		XB
	150		Hard Rubber	60		A2
	150		PolyPropylene			
Formic Acid	135	99	ETFE	120	99	PB
	135		PFA	80		XB
	135		Hard Rubber	60		A2
	150		PolyPropylene			
	150		Butyl			
	150		PVDF			
Freon	100	100	ETFE	25	100	N1
	100		PFA	25		XC
	100		Stainless Steel	25		U1
	100		SG Iron	150		PB
	100		Gun Metal	25		C1
Fruit Juice	120	100	Glass	80	100	XB
	120		Stainless Steel	100		PB
	120		PolyPropylene	80		C1
	120		Gun Metal			
Fuel Oil	100	100	SG Iron	60	100	XC
	100		Gun Metal	100		PC
	100		Cast Steel	25		C1

F

Furfural - Fusel Oil

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Furfural (Furfuraldehyde)	100	100	Glass	150	100	PB
	100		ETFE			
	150		PFA			
	100		Stainless Steel			
	150		Glass			
Fusel Oil	150	100	Glass	50	100	XE
	150		Stainless Steel	60		XC
	150		Cast Iron	150		PB
	150		Gun Metal	50		XB

G

Gallic Acid - Glutamic Acid

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Gallic Acid	150	100	Glass	40	100	XC
	150		ETFE	50		PB
	100		PFA			
	100		Stainless Steel			
	150		Hard Rubber			
	150		PolyPropylene			
Gas (Coal)	60	100	Hard Rubber	100	100	N1
	60		SG Iron	100		XC
	60		Gun Metal	100		C1
	150		Cast Steel			
Gas (Natural)	60	100	Neoprene	100	100	N1
	60		SG Iron	100		XC
	60		Gun Metal	100		C1
Gasoline	60	100	ETFE	60	100	XC
	60		SG Iron	60		PB
	60		Gun Metal			
	60		Cast Steel			
Gelatine	100	100	Glass	100	100	PB
	80		Hard Rubber			
	60		PolyPropylene			
	100		Butyl			
Geranoil	100	100	Glass	60	100	XC
	100		Stainless Steel	150		PC
Gin	96	100	Glass	100	100	PB
	96		Stainless Steel			
	96		Gun Metal			
Glaze (Potters)	25	100	Glass	25	100	A2
	25		Soft Rubber	25		XB
Gluconic Acid	100	100	Glass	100	100	XB
	100		ETFE	100		A2
	100		PFA			
	100		PVDF			
Glucose (Dextrose)	150	100	Glass	100	100	XB
	150		ETFE	150		PB
	150		PFA	100		A2
	150		PolyPropylene			
	150		PVDF			
	175		Gun Metal			
Glutamic Acid	120	100	ETFE	100	100	N1
	120		Stainless Steel	100		PB
	120		Hard Rubber	100		XB
	120		PVDF	100		A2
	60		Neoprene			

G

Glycerine - Gypsum

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm		
Glycerine (Glycerol)	120	100	ETFE	100	100	XB		
	120		PFA	100	100	PB		
	150		Stainless Steel					
	150		PolyPropylene					
	150		PVDF					
	150		Gun Metal					
Glycolic Acid (Hydroxyacetic Acid)	150	100	Glass	80	100	XB		
	150		ETFE	60		A2		
	135		Hard Rubber					
	135		PolyPropylene					
	60		PVDF					
Grape Juice	150	100	Glass	100	100	XB		
	150		Stainless Steel	80		A2		
	150		PolyPropylene	80		C1		
	120		Gun Metal					
Graphite Solution	100	100	Cast Iron	30	100	N1		
	100		SG Iron	30		XC		
	100		Gun Metal	30		C1		
Gravel	150	100	Cast Iron	90	100	A2		
	150		Soft Rubber					
	90		SG Iron					
Grease	100	100	Cast Iron	40	100	N1		
	100		SG Iron	80		XC		
	100		Gun Metal	60		C1		
Green Liquor	90	100	Butyl	80	100	XE		
	90			80		XB		
Grout	80	100	Butyl	80	100	A2		
	80		Soft Rubber	80		XB		
Gypsum (Calcium Sulfate, Anhydrite)	100	100	Butyl	90	100	XB		
	100		Cast Iron	90		A2		
	100		Soft Rubber					

H

Halibut Liver Oil - Hydraulic Oil

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Halibut Liver Oil	150	100	Glass	60	100	XC
	150		Stainless Steel	150		PC
Heat Transfer Oil	150	100	Glass	150	100	PC
	70		Cast Iron			
	70		SG Iron			
	70		Gun Metal			
	70		Cast Steel			
Heavy Water	100	100	Stainless Steel	100	100	C2
	100		Butyl			
	100		Neoprene			
Helium	175	100	Stainless Steel	100	100	XB
	175		PolyPropylene	150		XC
	175		Cast Iron	150		PB
	80		SG Iron			
Heptane	60	100	Hard Rubber	90	100	XC
	60		Cast Iron	100		PC
	60		Neoprene	90		C1
	98		SG Iron			
	98		Gun Metal			
	98		Cast Steel			
Hexamethylene Diamine (1,6 Diaminohexane)	150	100	Glass	150	100	PB
	150		ETFE	30		XB
	100		PFA			
	100		Stainless Steel			
Hexane	150	100	Glass	50	100	XC
	150		ETFE	175		PB
	150		PFA	30		C1
	150		Cast Iron			
	150		SG Iron			
	150		Gun Metal			
Honey	100	100	Glass	100	100	PB
	100		Stainless Steel			
Hydrated Aluminium Silicates (Bentonite)	100	100	Butyl	90	100	A2
	100		Cast Iron	100		XB
	150		Soft Rubber			
Hydraulic Ester Oil. Non Flammable	150	100	Cast Iron	80	100	XC
	150		SG Iron	150		PC
	150		Gun Metal			
Hydraulic Oil. Mineral Based	150	100	Cast Iron	80	100	XC
	150		SG Iron	150		PC
	150		Gun Metal	25		C1
Hydraulic Oil. Vegetable Base	150	100	Cast Iron	60	100	XC
	150		SG Iron	150		PC
	150		Gun Metal	25		C1

H

Hydrazine - Hydrogen Peroxide

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm	
Hydrazine (Diamide)	175	64	Glass	150	100	PB	
	175		PFA	25	64	XB	
	175		Stainless Steel				
	175		Hard Rubber				
Hydrazinium Chloride	100	100	Glass	100	100	PB	
	100		ETFE	80	100	XB	
	50		PFA				
Hydrobromic Acid	150	50	ETFE	60	50	XE	
	150		PFA	120	100	PB	
	150		Hard Rubber	60	50	XB	
	150		PolyPropylene				
	150		PVDF				
Hydrochloric Acid Concentrated	120	36	ETFE	25	36	XB	
	120		PFA	175		PB	
	175		Hard Rubber				
	175		PolyPropylene				
	30		Butyl				
	30		PVDF				
Hydrochloric Acid Dilute	150	10	ETFE	40	10	XB	
	150		PFA	175		PB	
	150		Hard Rubber	35		A2	
	175		PolyPropylene				
	175		Butyl				
	175		PVDF				
Hydrochloric Acid UK Commercial	120	100	ETFE	175	100	PB	
	175		PFA				
	25		PolyPropylene				
	100		PVDF				
Hydrocyanic Acid (Prussic Acid)	150	100	ETFE	150	100	PB	
	150		PFA	60		XB	
	150		Stainless Steel	40		A2	
	175		Hard Rubber	60		XE	
	175		PolyPropylene				
Hydrogen	150	100	Cast Iron	100	100	N1	
	150		SG Iron	100		XB	
	150		Gun Metal	100		A2	
				100		C1	
Hydrogen / Turbine Oil	150	100	Gun Metal	100	100	XC	
	150			175	PB		
Hydrogen Peroxide	70	60	Glass	25	90	U1	
	70	90	ETFE	70		PB	
	70	90	PFA	25		XB	
	65	60	Stainless Steel	30		XE	
	65	10	PolyPropylene				

H

Hydrogen Sulfide - Hypo Sodium Thiosulfate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Hydrogen Sulfide	150	100	ETFE	70	100	XE
	150		Hard Rubber	150		PB
	150		PolyPropylene	70		XB
	60		PVDF			
Hydroiodic Acid	150	57	Glass	120	57	PB
	150		ETFE	40		XB
	130		PFA			
	130		PVDF			
Hydroquinone (1,4 Dihydroxybenzene)	150	100	Glass	150	100	PB
	150		ETFE	60		XB
	150		Stainless Steel	30		A2
	120		Hard Rubber			
	120		PolyPropylene			
Hydroxyl Amino Sulfate	100	100	Glass	60	100	XE
	100		Hard Rubber	100		PB
	100		PolyPropylene	60		XB
				40		A2
Hydroxylamine Hydrochloride	100	100	Glass	60	100	XE
	100		Hard Rubber	100		PB
	100		PolyPropylene	60		XB
				40		A2
Hypo Sodium Thiosulfate	150	100	Glass	90	100	XB
	150	50	ETFE	90		XE
	150	100	Stainless Steel	60		U1
	150	50	PolyPropylene	150		PB
	150	50	PVDF			

Illipe Butter - Isoprene

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Illipe Butter	150	100	Stainless Steel	80	100	XC
	150		Gun Metal	150		PB
				60		C1
Inert Gas	150	100	Cast Iron	100	100	XB
Infusion Fluid	150	100	Stainless Steel	100	100	PB
Ink Printers	150	100	ETFE	150	100	PC
	150		Stainless Steel	40		C1
	100		Gun Metal	80		XC
Inks Aqueous	150	100	Glass	100	100	N1
	150		Hard Rubber	100		XB
	150		PolyPropylene	100		A2
	80		Neoprene			
Insecticide Solutions	25	100	PolyPropylene	25	100	N1
	25		Cast Iron	25		PB
				25		C1
Instrument Air	80	100	SG Iron	80	100	N1
	80			80		A2
	80			80		C1
Iodine	150	100	Glass	40	100	XC
	150		ETFE	30		U1
	150		PFA	150		PC
	110		PVDF			
Iodoform	150	100	Glass	150	100	PC
	110		ETFE			
	150		PFA			
	75		PVDF			
Iron Oxide Slurry	150	100	Glass	80	100	N1
	150		Cast Iron	80		A2
	150		Soft Rubber			
Iso Octane (2,2,4 Trimethylpentane)	99	100	Glass	40	100	XC
	99		SG Iron	99		PC
	99		Cast Steel			
Isocyanate Resin	25	100	Glass	40	100	XB
	25		Stainless Steel	40		XC
	25		Cast Iron	150		PB
Isophorone	150	100	Glass	150	100	PB
	150		Cast Iron	25		XB
	150		SG Iron			
	150		Gun Metal			
	150		Cast Steel			
Isoprene	100	100	Glass	100	100	PC
	100		PFA	30		XC
	100		SG Iron			
	100		Cast Steel			

I Isopropanol - Isopropyl Amine

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Isopropanol (Isopropyl Alcohol, IPA)	150	100	Glass	80	100	XB
	150		ETFE	60		A2
	100		Stainless Steel	150		PB
	100		Hard Rubber			
Isopropyl Acetate	150	100	Glass	150	100	PB
	60		ETFE			
	150		PFA			
Isopropyl Amine	40	100	Glass	40	100	PB
	40		Cast Iron			

J

Jam - JP4/JP5

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Jams and Preserves	100	100	Stainless Steel	100	100	XB
Jeyes Fluid	60	100	PolyPropylene	60	100	XB
	100		Cast Iron	60		N1
JP4, JP5 Aircraft Fuel	25	100	SG Iron	25	100	PC
	25		Cast Steel	25		C1
				25		XC

K

Kaolin - Kraft Liquor

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Kaolin	25	100	Butyl	25	100	N1
	25		Cast Iron	25		A2
	25		Soft Rubber			
Kerosene	100	100	SG Iron	60	100	XC
	100		Gun Metal	150		PC
Khuff gas	100	100	Cast Iron	100	100	PC
	100		SG Iron	100		
	100		Cast Steel	100		
Kieselguhr (Filter Aid Slurry)	100	100	Butyl	100	100	XB
	100		Cast Iron	90		A2
	100		Soft Rubber	80		A2
Kraft Liquor	100	100	ETFE	80	100	XE
	100		PFA	100		PB
	100		Hard Rubber	80		XB
	100		PolyPropylene	60		A2
	150		Butyl			

L

Lactic Acid - Lead Fluosilicate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Lactic Acid (α-hydroxypropionic Acid)	34	100	Glass	34	100	PB
	34		ETFE	34		XB
	34		Stainless Steel			
	34		PolyPropylene			
	34		PVDF			
Lactose	25	100	Glass	25	100	PB
	25		ETFE	25		XB
	25		Stainless Steel			
	25		PolyPropylene			
Laquers	100	100	Glass	100	100	PB
	100		ETFE			
	100		PFA			
	100		Stainless Steel			
Lard / Lard Oil	100	100	Glass	80	100	XC
	100		ETFE	100		PC
	100		Stainless Steel	25		C1
	100		Cast Iron			
Latex	100	100	Glass	100	100	PB
	100		PFA	100		XB
	100		Cast Iron	100		C1
Laundry Bleach	100	50	Glass	60	50	XC
	100		Hard Rubber	60		U1
	80		PVDF			
Lead Acetate	150	100	Glass	100	100	XB
	150		ETFE	100		XE
	150		Stainless Steel	150		PB
	150		Hard Rubber	70		A2
	150		PolyPropylene			
	150		PVDF			
Lead Chromate	100	100	Glass	100	100	N1
	100		ETFE	100		PB
	100		Stainless Steel	100		XB
	100		Cast Iron	90		A2
	100		Soft Rubber			
Lead Fluoroborate	100	100	ETFE	100	100	PB
	100		PFA	90		XB
	100		PolyPropylene			
	100		Butyl			
	60		PVDF			
Lead Fluosilicate	100	100	ETFE	100	100	PB
	100		PolyPropylene	90		XB
	60		Butyl			
	60		PVDF			

L

Lead Nitrate - Lime Milk

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Lead Nitrate	100	100	Glass	150	100	PB
	100		Stainless Steel	100		XB
	100		Hard Rubber	60		A2
	100		PolyPropylene			
Lead Perchlorate	25	100	Glass	25	100	PB
	25		PFA			
Lead Sulfate	150	100	Glass	100	100	N1
	150		Stainless Steel	100		XB
	150		Soft Rubber	100		A2
Lead Tetracetate	150	100	Glass	100	100	PB
	80		Stainless Steel	60		XB
Leather Slurry	80	100	PolyPropylene	100	100	XB
	80		Cast Iron	100		A2
	100		Neoprene	100		N1
Lecithin	100	100	Glass	60	100	XC
	100		ETFE	100		PC
	100		Stainless Steel	40		C1
	100		PVDF			
Leechate	150	100	Cast Iron	80	100	N1
	150		Neoprene	80		XC
	150		SG Iron	80		C1
Lemon Grass Oil	80	100	ETFE	60	100	N1
	100		Stainless Steel	150		PB
Lemon Juice	100	100	Glass	80	100	A2
	100		Stainless Steel	100		PB
	100		PolyPropylene			
	60		PVDF			
Lemon Oil	100	100	Glass	100	100	PB
	100		ETFE			
	100		Stainless Steel			
	100		PVDF			
Ligroin	150	100	SG Iron	150	100	PC
	150		Gun Metal			
	150		Cast Steel			
Lime	80	100	PolyPropylene	100	100	XB
	80		Cast Iron	100		A2
	150		Soft Rubber	90		A2
Lime Juice	100	100	Stainless Steel	150	100	PB
	80		PolyPropylene	150		
Lime Milk. (Kalkmilch)	80	100	PolyPropylene	100	100	XB
	80		Cast Iron	100		A2
	150		Soft Rubber			

L

Limonene - Lye

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Limonene	175	100	Glass	60	100	XC
	175		PFA	175		PC
	175		Stainless Steel			
	175		Gun Metal			
Linseed Oil	150	100	Glass	60	100	XC
	150		ETFE	150		PC
	150		PolyPropylene	40		C1
	150		Cast Iron			
Liquers	176	100	Glass	176	100	XB
	176		Stainless Steel	176		PB
	176		PVDF	176		A2
	176		Gun Metal			
Liquid Paraffin	150	100	Glass	60	100	XC
	150		Stainless Steel	150		PC
	150		SG Iron	40		C1
	150		Gun Metal			
Liquified Petroleum Gas (LPG)	-10	100	SG Iron	-5	100	XC
	-10	100	Cast Steel	-5		PC
Lithium Bromide	150	100	Glass	100	100	XB
	150		ETFE	100		XE
	150		Hard Rubber	150		PB
	150		PolyPropylene	80		A2
	100		PVDF			
Lithium Carbide	150	100	Stainless Steel	150	100	PB
	120		ETFE	90		XB
	120		Hard Rubber	80		A2
	120		PolyPropylene			
Lithium Hydroxide	120	100	ETFE	100	100	XE
	120		Stainless Steel	150		PB
	120		Hard Rubber	100		XB
	120		PolyPropylene	80		A2
	80		Cast Iron			
Lithium Lauryl Sulfate	100	100	Glass	80	100	N1
	100		ETFE	100		PB
	100		PFA	80		XB
	100		PVDF			
Lithopone	100	100	Glass	90	100	A2
	100		PolyPropylene	100		XB
	100		Soft Rubber			
Lubricating Oil	100	100	Cast Iron	60	100	XC
	100		SG Iron	100		PC
	100		Gun Metal	25		C1
Lye	80	100	Hard Rubber	100	100	XB
	80		PolyPropylene	100		XE

M

Magnesium Carbonate - Maltose

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Magnesium carbonate (Magnesite)	100	100	Stainless Steel	100	100	N1
	100		Hard Rubber	100		XB
	100		PolyPropylene	100		A2
	85		Cast Iron			
Magnesium Chloride	120	100	Glass	100	100	XB
	120		Hard Rubber	100		A2
	80		PolyPropylene			
	80		Butyl			
Magnesium Hydroxide	100	100	Stainless Steel	100	100	XE
	100		Hard Rubber	100		XB
	100		PolyPropylene	100		A2
	85		Cast Iron			
Magnesium Sulfate	150	100	Glass	100	100	XE
	150		ETFE	100		XB
	150		Hard Rubber	100		A2
	150		PolyPropylene			
Magnetite	100	100	Glass	100	100	A2
	100		PolyPropylene	100		XB
	100		Cast Iron			
	60		Soft Rubber			
Maize Oil (Corn Oil)	150	100	Stainless Steel	60	100	XC
	150		Cast Iron	150		PC
Maleic Acid	135	100	ETFE	150	100	PB
	135		Hard Rubber	80		A2
	80		PolyPropylene	100		XB
	80		Butyl			
Maleic Anhydride	150	100	Glass	80	100	XB
	150		ETFE	80		XE
	150		PFA	60		N1
	95		Stainless Steel			
	95		Hard Rubber			
Malic Acid	150	100	Glass	150	100	PB
	150		ETFE	90		A2
	135		PFA			
	135		Stainless Steel			
	175		PolyPropylene			
Malt	100	100	Stainless Steel	100	100	XB
	100		PolyPropylene	100		A2
	80		Gun Metal			
Maltose	100	100	Stainless Steel	90	100	XB
	100		PolyPropylene	60		A2
	80		Cast Iron			
	80		Gun Metal			

M

Manganese Dioxide - Methanol

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Manganese Dioxide	150	100	Glass	100	100	XB
	150		Stainless Steel	100		A2
	150		Butyl			
	150		Cast Iron			
	100		PolyPropylene			
	100		Soft Rubber			
	150		Gun Metal			
Marshmallow	30	100	Glass	30	100	XB
	30		Stainless Steel	30		
	30		Cast Iron	30		
Mazut	100	100	Stainless Steel	100	100	PC
	100		Cast Iron	30		C1
	100		Cast Steel	60		XC
Meat Extract	120	100	Stainless Steel	100	100	XB
	120		PolyPropylene	100		N1
	80		Gun Metal			
Melamine:Cyclic Amine	50	100	Glass	50	100	XE
	50		PFA	100		PB
				50		XB
Mercuric Chloride	150	100	Glass	150	100	PB
	150	40	Hard Rubber	80		XB
	150	40	PolyPropylene	80		A2
	60	100	PVDF			
Mercurous Chloride	100	100	Glass	150	100	PB
	100		PVDF	80		XB
				80		A2
Mercury	150	100	Glass	80	100	U1
	150		ETFE	150		PB
	150		PFA	80		XB
	150		Stainless Steel	80		A2
	150		Hard Rubber	60		C1
	135		PolyPropylene			
	135		Butyl			
	135		Cast Iron			
Methane (Natural Gas)	80	100	Hard Rubber	100	100	N1
	80		SG Iron	100		XC
	80		Cast Steel	100		C1
Methanol (Methyl Alcohol)	150	100	Glass	100	100	XB
	150		ETFE	100		XE
	150		Stainless Steel	150		PB
	150		Hard Rubber	80		A2
	150		PolyPropylene	80		N1
	150		PVDF	80		A2

M

Methanol Water Mixture - Methylated Spirit

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Methanol Water Mixture	60	100	PolyPropylene	100	100	XB
	60		Cast Iron	100		XE
	60		SG Iron	60		A2
Methyl Acetate	100	100	Glass	100	100	PB
	60		Stainless Steel	100		
	60		SG Iron	100		
Methyl Amine	150	100	Glass	25	100	XB
	150		Cast Iron	150	100	PB
	150		SG Iron			
Methyl Bromide	150	100	Glass	150	100	PC
	150		ETFE	150		
	100		Stainless Steel	150		
Methyl Cellosolve	150	100	Glass	150	100	PB
	100		ETFE	40		XB
	100		Hard Rubber			
	60		SG Iron			
	60		Gun Metal			
Methyl Chloride	150	100	Glass	100	100	PC
	150		ETFE	100		
	150		PFA	100		
Methyl Ethyl Ketone (MEK)	150	100	Glass	150	100	PB
	150		ETFE	80		XB
	110		PFA	80		XE
	110		Stainless Steel			
	110		Hard Rubber			
	150		SG Iron			
Methyl Isobutyl Ketone (MIBK)	150	100	Glass	120	100	PB
	100		ETFE	120		
	150		PFA	120		
	120		Stainless Steel	120		
	100		Cast Iron	120		
Methyl Metacrylate Monomer	100	100	Glass	100	100	PB
	100		PFA	100		
	100		SG Iron	100		
Methylated Spirit	150	96	Glass	80	100	A2
	150		ETFE	100	100	XB
	150		PFA			
	150		Stainless Steel			
	150		Hard Rubber			
	150		PolyPropylene			
	150		Cast Iron			
	80		PVDF			
	80		Gun Metal			

M

Methylene Chloride - Mustard

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Methylene Chloride	150	100	Glass	150	100	PC
	100		ETFE	150		
	150		PFA	150		
	100		Stainless Steel	150		
Milk	150	100	Glass	100	100	PB
	100		ETFE	100		XB
	100		Stainless Steel			
	100		PolyPropylene			
	100		PVDF			
Mineral Oil	100	100	SG Iron	40	100	C1
	100		Gun Metal	80		XC
	100		Cast Steel			
Mineral Seal Oil	100	100	SG Iron	80	100	XC
	100		Gun Metal	40		C1
	100		Cast Steel			
Mineral Waters	100	100	Glass	100	100	XB
	100		Stainless Steel	100		PB
	100		PolyPropylene			
	100		Gun Metal			
Molasses (Treacle)	100	100	Stainless Steel	100	100	XB
	80		PolyPropylene	100		
	100		Cast Iron	100		
	100		Gun Metal	100		
Monosodium Glutamate	60	100	Stainless Steel	100	100	PB
	80		Hard Rubber	100		N1
	80		PVDF			
	100		Neoprene			
Morphine	25	100	Glass	25	100	PB
	25		Stainless Steel	25		
Morpholine	128	100	Glass	25	100	XB
	65		ETFE	128		PB
	65		Cast Iron			
	128		PVDF			
Mustard	25	100	Glass	25	100	PB
	25		ETFE	25		
	25		Stainless Steel	25		
	25		PVDF	25		

N

Naptha - Nitric Acid

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Naptha	150	100	ETFE	150	100	PC
	150		PFA	50		XC
	150		SG Iron			
	150		Cast Steel			
Napthalene	150	100	ETFE	50	100	XC
	150		PFA	150		PC
	150		SG Iron			
	150		Cast Steel			
Napthenic Acid	150	100	Glass	25	100	XC
	150		SG Iron	150		PC
	150		Cast Steel			
Nickel Acetate	150	100	ETFE	80	100	U1
	150		PFA	150		PB
	150		Hard Rubber	100		XB
	175		PolyPropylene			
	175		Butyl			
	175		Neoprene			
Nickel Chloride	150	100	ETFE	80	100	U1
	150		PFA	150		PB
	150		Hard Rubber	100		XB
	175		PolyPropylene			
	175		Butyl			
	175		Neoprene			
Nickel Plating Sludge	80	100	Hard Rubber	100	100	XE
	80		PolyPropylene	80		N1
	80		Butyl	80		U1
	80		Neoprene	100		XB
Nickel Plating Solutions	130	100	ETFE	100	100	XE
	130		PFA	80		U1
	130		Hard Rubber	150		PB
	130		PolyPropylene	100		XB
	150		Butyl			
Nickel Sulfate	150	100	ETFE	80	100	U1
	150		Hard Rubber	150		PB
	150		PolyPropylene	100		XB
	80		Butyl	100		XE
	80		Neoprene	80		N1
	80		Soft Rubber			
Nitric Acid	176	100	ETFE	176	100	XB
	176		PFA	176		XC
	176		Stainless Steel	176		PC
	176		PolyPropylene			
	176		Butyl			
	176		PVDF			

N

Nitric Hydrofluoric - Nylon Salt

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Nitric Hydrofluoric Pickling Solution	80	50	ETFE	50	50	XC
	80		PFA	80		PC
	80		PolyPropylene	25		XB
	100		Butyl			
	100		PVDF			
Nitrobenzene	150	100	Glass	150	100	PC
	150		ETFE	150		
	150		PFA	150		
	150		Neoprene	150		
	120		SG Iron	150		
Nitrocellulose: Gun Cotton	30	100	Glass	30	100	PB
	30		PFA	30		
	30		Stainless Steel	30		
Nitrogen	80	100	PolyPropylene	100	100	N1
	80		Cast Iron	150		PB
				100		C1
				100		XB
Nitroglycerin	25	100	Glass	25	100	PC
	25		Stainless Steel	25		
	25		Gun Metal	25		
Nitroso-Sulfuric Acid	60	100	Glass	60	100	PC
	60		PFA	60		
Nitrous Oxide	25	100	Glass	25	100	PB
	25		Stainless Steel	25		XB
	25		Gun Metal	25		N1
Norpar 51	60	100	Glass	60	100	PC
	60		Stainless Steel	60		
	60		Cast Steel	60		
Nylon Salt HMDA Adipate	100	100	Glass	100	100	PB
	100		Stainless Steel	100		

O

Oil - Ozone

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Oil of Bergamot	100	100	Glass	30	100	XC
	100		ETFE	100		PC
	100		Stainless Steel			
Oil Rolling	150	100	SG Iron	80	100	XC
	150		Gun Metal	50		C1
Oil Tung (China Wood Oil)	100	100	Glass	100	100	PC
	100		Stainless Steel	30		C1
	100		Cast Iron	60		XC
	100		SG Iron			
Oil Turkey Red	125	100	Glass	150	100	PC
	60		ETFE	150		
Oil Vegetable	100	100	Glass	150	100	PB
	100		Stainless Steel	30		C1
	120		Cast Iron	60		XC
Oleic Acid	150	100	Glass	60	100	XC
	150		ETFE	150		PC
	135		PFA			
	135		Stainless Steel			
Olein	100	100	Glass	60	100	XC
	100		Stainless Steel	150		PC
	100		Cast Iron	30		C1
Oleum	100	100	Glass	100	100	PC
	25		ETFE	100		
	100		PFA	100		
Olive Oil	100	100	Stainless Steel	150	100	PC
	100		PolyPropylene	30		C1
	60		Cast Iron	60		XC
Orange Juice	120	100	Glass	80	100	XB
	120		Stainless Steel	100		PB
	120		PolyPropylene	80		C1
	120		Gun Metal			
Oxalic Acid	150	100	Glass	100	100	PB
	150		ETFE	60		XB
	150		PFA	30		A2
	110	50	Hard Rubber			
Oxygen	100	100	SG Iron	25	100	XE
	100		Gun Metal	25		N1
				25		XC
				25		XB
Ozone	100	100	Stainless Steel	25	100	XE
	100		Gun Metal	25		XC
				25		XB

P

Paint - Pentane

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Paint Electrophoretic	60	100	Glass	60	100	XB
	60		Stainless Steel	60		XE
	60		Hard Rubber	150		PB
	60		Cast Iron			
	60		SG Iron			
Paint Emulsion	60	100	Glass	25	100	XE
	60		Stainless Steel	60		PB
	60		Cast Iron	25		A2
Paint Oil Based	100	100	Glass	100	100	PC
	100		Cast Iron	100		
	100		SG Iron	100		
Palm Oil	150	100	Stainless Steel	150	100	PC
	150		Cast Iron	30		C1
				60		XC
Palmitic Acid	150	100	Glass	60	100	XC
	150		ETFE	150		PC
	150		PFA	25		C1
Paper Pulp	150	100	Glass	100	100	XE
	150		Hard Rubber	90		N1
	150		PolyPropylene	100		XB
				80		A2
Paraffin	100	100	SG Iron	60	100	XC
	100		Gun Metal	150		PC
	100		Cast Steel	30		C1
Paraffin Medicinal	150	100	Stainless Steel	60	100	XC
	150		Gun Metal	150		PC
	150		Cast Steel	30		C1
Paraffin Wax	150	100	Glass	60	100	XC
	150		SG Iron	100		PC
	150		Gun Metal	30		C1
Paraquat	100	100	Glass	25	100	N1
	100		Stainless Steel	25		PB
				25		C1
Pectin	120	100	Glass	150	100	PB
	60		Hard Rubber	150		
	60		PolyPropylene	150		
	120		SG Iron	150		
Penicillin	100	100	Glass	120	100	XB
	120		Stainless Steel	150		PB
Pentachloro Phenol	100	100	Glass	100	100	PC
	80		Stainless Steel	100		
Pentane	100	100	ETFE	150	100	PC
	100		SG Iron	25		C1
	100		Gun Metal	60		XC

P

Pentoerythritol Ester - Phenol Sulfonic Acid

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm		
Pentoerythritol Ester: Transformer Oil	30	100	Stainless Steel	30	100	XB		
	30		Gun Metal	30				
	30		Cast Steel	30				
Peracetic Acid	60	40	Glass	60	40	PB		
	60		PFA	60				
	60		Stainless Steel	60				
Perchlor Ethylene	150	100	Glass	121	100	PC		
	135		ETFE	25	100	XC		
	135		PFA					
	150		Stainless Steel					
	150		Cast Iron					
	121		PVDF					
Perchloric Acid	100	100	Glass	100	100	PB		
	65	72	ETFE	100				
	100	70	PFA	100				
	100	70	PVDF	100				
Perfumes	80	100	Glass	80	100	PB		
	80		Stainless Steel	25		XB		
Petrol	25	100	SG Iron	25	100	C1		
	25		Gun Metal	25		XC		
	25		Cast Steel					
Petroleum Ether	25	100	SG Iron	25	100	XC		
	25		Gun Metal	150		PC		
	25		Cast Steel					
Petroleum Jelly	100	100	SG Iron	30	100	XC		
	100		Gun Metal	100		PC		
	100		Cast Steel					
Phenol	150	100	Glass	30	100	XB		
	150		ETFE	150		PB		
	100		PFA					
	100		PolyPropylene					
	150		PVDF					
	150		SG Iron					
Phenol Formaldehyde Resin	100	100	Glass	100	100	PB		
	100		ETFE	25		XB		
	50		PFA					
	50		Cast Iron					
Phenol Harts (Swedish)	150	100	Glass	150	100	PC		
	150		Stainless Steel	150				
Phenol Sulfonic Acid	60	50	ETFE	60	50	PB		
	60		PolyPropylene	60				

P

Phenyl - Phthalic Acid

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Phenyl Hydrazine Hydrochloride	100	100	Glass	40	100	XB
	100		ETFE	40		A2
	100		PFA	100		PB
	100		Hard Rubber			
	100		PVDF			
Phenyl Mercuric Acetate	60	100	Stainless Steel	25	100	XC
	60		Cast Iron	100		PB
				25		XB
				25		C1
Phosgene	150	100	Glass	150	100	PC
	110		ETFE	150		A2
	150		PFA	150		XB
	100		Stainless Steel			
	100		Cast Iron			
	100		Cast Steel			
Phosphoric Acid	135	85	ETFE	100	85	XE
	135		Hard Rubber	150		U1
	135		PolyPropylene	150		PB
	135		Butyl	100		XB
	60		PVDF			
Phosphorous Pentachloride	100	100	Glass	100	100	PB
	100		ETFE	100		
	100		PFA	100		
	25		PVDF	100		
Phosphorous Pentoxide	110	100	ETFE	150	100	PB
	150		PFA	150		
	100		Stainless Steel	150		
	110		PVDF	150		
Phosphorous Trichloride	75	100	Glass	75	100	PB
	75		ETFE	25		XB
	120		PFA	25		XC
Phosphoryl Chloride: Phosphorus Oxychloride	100	100	ETFE	150	100	PB
	150		PFA	150		
	50		PVDF	150		
Photographic Developers	30	100	Glass	30	100	U1
	30		ETFE	30		PB
	30		Stainless Steel	30		A2
	30		PolyPropylene	30		XB
	30		PVDF			
Phthalic Acid	100	100	ETFE	40	100	N1
	100		PFA	100		PB
	100		Stainless Steel			
	100		PVDF			
	100		Neoprene			

P

Phthalic Anhydride - Pot Ale

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Phthalic Anhydride	130	100	Glass	60	100	N1
	130		ETFE	130		PB
	100		PFA			
	100		Stainless Steel			
Phthalocyanine	60	10	PolyPropylene	60	10	N1
	60		Neoprene	60		C1
Pickles	100	100	Glass	100	100	XB
	100		ETFE	100		
	100		Stainless Steel	100		
	100		PVDF	100		
Picoline (Methyl Pyridene)	128	100	Glass	128	100	PB
	50		ETFE	128		
	128		PFA	128		
	128		Stainless Steel	128		
Picoline (Methyl Pyridene)	128	100	Cast Steel	128	100	PB
Pineapple Juice	120	100	Glass	120	100	PB
	120		Stainless Steel	90		XB
	120		PolyPropylene			
Pinene	156	100	Cast Iron	156	100	PB
	156		SG Iron	156		
	156		Gun Metal	156		
Poly Electrolyte	100	100	ETFE	150	100	PB
	100		PFA	60		XB
	150		Stainless Steel	60		XE
	150		PolyPropylene			
	150		Butyl			
Polyester Resin	100	100	Glass	25	100	XC
	100		Cast Iron	100		PB
				25		XB
Polyvinyl Acetate Emulsions	60	100	Glass	25	100	XE
	60		Stainless Steel	60		PB
	60		Cast Iron	25		XB
Polyvinyl Chloride Pastes	60	100	Glass	25	100	XE
	60		ETFE	60		PB
	60		Stainless Steel	25		XB
Polyvinylidene Chloride Emulsions	60	100	Glass	25	100	XE
	60		Stainless Steel	60		PB
	60		Cast Iron	25		XB
Pot Ale	150	100	Glass	100	100	XE
	150		Stainless Steel	100		XB
	150		SG Iron	80		A2
	100		Gun Metal			

P

Potash - Potassium Chloride

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Potash	100	50	ETFE	100	100	XE
	100	100	PFA	175		PB
	100	50	Stainless Steel	100		XB
	100	50	PolyPropylene	80		A2
	175	100	Butyl			
	175	100	Cast Iron			
Potassium Acetate	150	100	Glass	80	100	N1
	150		ETFE	150		PB
	150		PFA	90		XB
	150		Stainless Steel	80		A2
	125		Hard Rubber			
	125		PolyPropylene			
Potassium Aluminium Sulfate (Alum)	150	100	Glass	150	100	PB
	150		ETFE	80		XB
	150		Stainless Steel	80		A2
	150		Hard Rubber			
	150		PolyPropylene			
	150		Butyl			
	150		PVDF			
	80		Soft Rubber			
Potassium Bifluoride	150	100	ETFE	90	100	XE
	150		PFA	175		PB
	150		Hard Rubber	60		XB
	150		PolyPropylene	80		A2
	175		Butyl			
	175		PVDF			
Potassium Bromide	150	100	ETFE	90	100	XE
	150		PFA	150		PB
	150		Hard Rubber	80		XB
	150		PolyPropylene	60		A2
	175		PVDF			
Potassium Carbonate	150	100	Glass	90	100	XE
	150		ETFE	80		XB
	150		Hard Rubber	60		A2
Potassium Chlorate	150	100	Glass	150	100	PB
	150		ETFE	60		XB
	150		PFA	60		U1
	150		PVDF			
Potassium Chloride	150	100	Glass	100	100	XE
	150		ETFE	150		PB
	150		PFA	100		XB
	150		Hard Rubber	80		A2
	150		PolyPropylene			
	150		PVDF			

P

Potassium Chromate - Potassium Hydrogen Sulfite

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Potassium Chromate	150	100	Glass	70	100	U1
	150		ETFE	150		PB
	150		PFA	70		XB
	150		Hard Rubber			
	150		PVDF			
Potassium Citrate	150	100	Glass	100	100	XB
	150		ETFE	150		PB
	150		PFA	90		A2
	100		Hard Rubber			
	100		PolyPropylene			
Potassium Cyanide	150	100	Glass	100	100	XB
	150		ETFE	100		XE
	150		PFA	150		PB
	150		PolyPropylene	80		A2
Potassium Dichromate	150	100	Glass	80	100	XE
	150		ETFE	100		XC
	150		PFA	80		U1
				150		PB
				60		XB
Potassium Ferricyanide	150	100	ETFE	90	100	XE
	150		PFA	150		PB
	150		Hard Rubber	60		XB
	150		PolyPropylene	80		A2
	175		PVDF			
Potassium Ferrocyanide	150	100	ETFE	90	100	XE
	150		PFA	150		PB
	150		Hard Rubber	60		XB
	150		PolyPropylene	80		A2
	175		PVDF			
Potassium Fluoride	150	100	ETFE	90	100	XE
	150		Hard Rubber	150		PB
	150		PolyPropylene	60		XB
	150		Butyl	80		A2
	80		PVDF			
Potassium Hydrogen Sulfite (Bisulfite)	130	100	ETFE	100	100	XE
	130		PFA	60		U1
	130		Hard Rubber	150		PB
	130		PolyPropylene	100		XB
	130		Butyl	80		A2

P

Potassium Hydroxide - Potassium Persulfate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Potassium Hydroxide	100	50	ETFE	100	100	XE
	100	100	PFA	150		PB
	100	50	Stainless Steel	100		XB
	100	50	PolyPropylene	80		A2
	175	100	Butyl			
	175	100	Cast Iron			
Potassium Hypochlorite	150	100	Glass	70	100	U1
	135		ETFE	70		XC
	135		PFA			
	175		Hard Rubber			
Potassium Iodate	100	100	ETFE	80	100	XC
	100		PFA	150		PB
	100		Stainless Steel	80		XB
	175		Butyl			
	175		Cast Iron			
Potassium Iodide	130	100	ETFE	100	100	XE
	130		PFA	70		N1
	130		Hard Rubber	150		PB
	130		PolyPropylene	100		XB
	130		Cast Iron	80		A2
	175		PVDF			
	175		Neoprene			
Potassium Nitrate	100	100	Glass	150	100	PB
	100		ETFE	80		XB
	100		Stainless Steel	70		A2
	150		Hard Rubber	80		XE
	150		PolyPropylene			
	150		Butyl			
	150		Cast Iron			
Potassium Nitrite	150	50	Glass	150	50	PB
	150		ETFE	60		XB
	150		PFA	176		A2
	100		Hard Rubber			
	100		PVDF			
Potassium Permanganate	150	100	ETFE	80	100	XB
	150		PFA	80		XE
	150		Butyl	150		PB
	175		PVDF			
Potassium Persulfate	150	100	Glass	60	100	XE
	150		ETFE	150		PB
	150		PFA	60		XB
	60		Butyl			
	60		PVDF			

P

Potassium Silicate - Propylene Glycol

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Potassium Silicate	80	30	Hard Rubber	100	30	XB
	80		PolyPropylene	100		XE
	80		Cast Iron	80		A2
Potassium Sulfate	150	100	ETFE	100	100	XE
	150		PolyPropylene	80		N1
	150		Butyl	100		XB
	150		PVDF	80		A2
	60		Soft Rubber			
Potassium Thiocyanate	150	100	Glass	100	100	XE
	150		ETFE	150		PB
	150		Hard Rubber	100		XB
	150		Butyl	80		A2
	150		PVDF			
Pottery Slip	150	100	Cast Iron	100	100	A2
	150		Neoprene	100		N1
	150		Soft Rubber			
Producer Gas	150	100	Cast Iron	100	100	XC
	150		SG Iron	150		PB
	150		Cast Steel	40		C1
Propane	-15	100	SG Iron	-20	100	N1
	-15		Cast Steel	-5		XC
				-5		PC
				-20		C1
Propanol	150	100	Glass	150	100	PB
	150		ETFE	80		XB
	150		Stainless Steel	60		A2
	100		Hard Rubber			
	100		PolyPropylene			
	100		Cast Iron			
	150		PVDF			
Propionic Acid	141	100	Glass	141	100	PB
	141		ETFE	40		XB
	100		PFA			
	100		Stainless Steel			
Propylene Dichloride: DRY	97	100	Glass	97	100	PC
	97		ETFE	97		KC
	100		PFA			
	100		SG Iron			
	100		Cast Steel			
Propylene Glycol	150	100	Stainless Steel	30	100	N1
	150		Hard Rubber	60		XB
	150		PolyPropylene	30		A2
	80		Cast Iron			

P

Propylene Oxide - Pyroclean 547

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Propylene Oxide	150	100	Glass	34	100	PC
	65		ETFE	34		
	150		PFA	34		
	34		Stainless Steel	34		
	34		SG Iron	34		
Protim	60	100	ETFE	60	100	PC
	60		PFA	60		
	60		Cast Iron	60		
	60		SG Iron	60		
PVA:Poly Vinyl Alcohol	60	100	Stainless Steel	2	100	XE
	60		Cast Iron	25		XB
	60		SG Iron	2		
PVC Powder	50	100	Butyl	50	100	PB
	50		Cast Iron	50		XB
	50		SG Iron			
	50		Cast Steel			
PVP, Poly Vinyl Pyrrolidone	60	100	Stainless Steel	60	100	PB
Pyridene	65	100	ETFE	115	100	PB
	115		PFA	115		
	115		SG Iron	115		
	115		Cast Steel	115		
Pyroclean 547	50	5	Butyl	50	5	XB
	50		Cast Iron	50		XE
	50		SG Iron			

Q

Quartz - Quinone

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Quartz (dry or slurry)	80	100	Butyl	90	100	XE
	80		Neoprene	90		XB
	80		Soft Rubber	80		A2
Quinone	150	100	Glass	150	100	PB
	150		ETFE	60		XB
	150		Stainless Steel	30		A2
	120		Hard Rubber			
	120		PolyPropylene			

R

Radio Active Effluents - Rum

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Radio Active Effluents	25	100	Stainless Steel	25	100	C2
	25		Butyl	25		XB
	25		Neoprene			
Rayon Fibres	100	100	Glass	100	100	XB
	100		Stainless Steel	100		XE
	100		Cast Iron	100		PB
	100		SG Iron			
Renal Dialysate	37	100	PFA	37	100	PB
	37		Stainless Steel	37		
Rennet	40	100	Stainless Steel	40	100	PB
	40		PolyPropylene	40		XB
Rentokill Additives	40	100	Hard Rubber	40	100	XE
	40		Butyl	40		XB
Resin	150	100	Glass	150	100	PB
	150		Stainless Steel	150		
	150		Cast Iron	150		
	150		SG Iron	150		
Resorcinol	150	100	Glass	150	100	PB
	150		Cast Steel	150		
Rock Salt	80	100	Hard Rubber	90	100	XB
	80		PolyPropylene	80		A2
	80		Neoprene	90		XE
	80		Soft Rubber			
Rolling Oil	150	100	SG Iron	80	100	XC
	150		Gun Metal	150		PC
				30		C1
Rosin	150	100	Glass	150	100	PB
	150		Stainless Steel	150		
Rubber Adhesives	100	100	Glass	100	100	PC
	100		Cast Iron	100		
	100		SG Iron	100		
Rubber Latex	100	100	Glass	80	100	C1
	100		PolyPropylene	80		C2
	60		Cast Iron	100		PB
Rum	60	100	Glass	60	100	PB
	60		Stainless Steel	60		
	60		Gun Metal	60		

S

Saccharin - Shot Blast

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Saccharin	25	100	Glass	25	100	PB
	25		Stainless Steel	25		
Salicylic Acid	150	100	Glass	150	100	PB
	120		ETFE	150		
	150		PFA	150		
	100		Stainless Steel	150		
	100		PVDF	150		
Salicylic Aldehyde	150	100	Glass	150	100	PB
	100		ETFE	150		
	175		PFA	150		
	150		Stainless Steel	150		
Sand	150	100	Glass	80	100	N1
	150		Cast Iron	90		XB
	150		Neoprene	80		A2
	90		Soft Rubber			
SBP Spirit	150	100	SG Iron	30	100	XC
	150		Gun Metal	150	100	PC
	150		Cast Steel			
Sea Water	85	100	Hard Rubber	100	100	XE
	85		PolyPropylene	100		N1
	85		Cast Iron	100		XB
	85		Neoprene	100		A2
	85		Gun Metal	100		C1
Seed	100	100	Stainless Steel	100	100	XB
	100		Cast Iron	80		XE
	100		Gun Metal			
Sequestrol	100	100	Glass	100	100	XE
	100		ETFE	100		N1
	100		Hard Rubber	100		PB
	100		PolyPropylene	100		XB
	100		Butyl	100		A2
	100		PVDF			
Sewage	30	100	Hard Rubber	30	100	N1
	30		PolyPropylene	30		A2
	30		Cast Iron	30		C1
	30		Neoprene			
Shampoo concentrate	60	100	Stainless Steel	60	100	PB
Sherry	30	100	Glass	30	100	PB
	30		Stainless Steel	30		
	30		Gun Metal	30		
Shot Blast	60	100	PolyPropylene	100	100	XB
	60		Cast Iron	90		A1
	150		Soft Rubber	80		A2

S

Silicon - Soap Lye

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Silicon	150	100	Stainless Steel	40	100	N1
	150		SG Iron	150		XC
				60		C1
Silicon Tetrachloride	150	100	Glass	57	100	PB
	120		ETFE	57		
	150		PFA	57		
	50		PVDF	57		
Silicone Oil	150	100	SG Iron	50	100	XB
	150		Gun Metal	50		A2
	150		Cast Steel	50		C1
				50		N1
Silver Cyanide	150	100	ETFE	100	100	XE
	150		PFA	150		PB
	150		Hard Rubber	100		XB
	150		PVDF	80		A2
	175		Neoprene			
Silver Nitrate	150	100	Glass	100	100	XE
	150	100	ETFE	150		PB
	150	100	PFA	100		XB
	150	50	PVDF	80		A2
Silver Plating Solutions	100	100	ETFE	90	100	XE
	100		PFA	150		PB
	100		PolyPropylene	90		XB
	100		Butyl	80		A2
	150		PVDF			
Size (Paper Makers)	150	100	Glass	60	100	N1
	150		Hard Rubber	150		PB
	150		PolyPropylene	80		XB
				60		C1
Skydrol 500B	150	100	Cast Iron	25	100	XE
	150		Gun Metal	100		PB
	150		Cast Steel	25		XB
Slaked Lime	80	100	PolyPropylene	100	100	XB
	80		Soft Rubber	100		A2
	90		Cast Steel			
Sludge Gas	150	100	SG Iron	50	100	N1
	150		Gun Metal	50		C1
	150		Cast Steel			
Soap Lye	80	100	Hard Rubber	100	100	XB
	80		PolyPropylene	100		XE
	80		Butyl	80		A2
	60		Cast Iron			

S

Soap Solutions - Sodium Benzoate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Soap Solutions	100	100	Stainless Steel	100	100	XB
	100		PolyPropylene	100		XE
	100		Cast Iron	100		N1
	100		Gun Metal	100		A2
Soda Ash	60	100	PolyPropylene	80	100	A2
	60		Cast Iron	100		XB
	60		Soft Rubber	90		A2
Sodium Acetate	150	100	Glass	100	100	XE
	150		ETFE	150		PB
	150		PFA	100		XB
	150		Stainless Steel	80		A2
	150		PolyPropylene			
	150		PVDF			
Sodium Aluminate	100	100	Cast Iron	80	100	A2
	100		Soft Rubber	100		XB
	100		SG Iron	90		A2
Sodium Aluminium Fluoride	60	100	PolyPropylene	70	100	A2
	60		Butyl	100		XB
	60		Soft Rubber	80		A2
Sodium Aluminium Sulfate (Sodium Alum)	150	100	Glass	80	100	A2
	150		Stainless Steel	150		PB
	150		Hard Rubber	80		XB
	150		Butyl			
	80		PVDF			
	80		Soft Rubber			
Sodium Arsenate	100	100	ETFE	150	100	PB
	100		PFA	90		XB
	100		Hard Rubber	60		A2
	175		PVDF			
Sodium Benzene Sulfonate	150	100	Glass	80	100	XE
	150		ETFE	150		PB
	150		PFA	80		XB
	150		Hard Rubber			
	150		PVDF			
Sodium Benzoate	150	50	Glass	150	50	PC
	150		ETFE	150		
	175		PFA	150		
	150		Stainless Steel	150		
	80		Hard Rubber	150		
	100		PVDF	150		

S

Sodium Bicarbonate - Sodium Chloracetate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Sodium Bicarbonate	150	100	ETFE	100	100	XB
	150		PFA	100		A2
	175		Hard Rubber	150		PB
	175		PolyPropylene			
	175		Cast Iron			
	80		PVDF			
Sodium Bisulfate	150	100	ETFE	100	100	XE
	150		PFA	150		PB
	150		Hard Rubber	100		XB
	150		PolyPropylene	80		A2
	175		Butyl	100		XB
	175		Hard Rubber	150		XE
	175		Butyl	100		N1
	175		PVDF			
Sodium Borate (Metaborate)	100	100	ETFE	100	100	XE
	100		PFA	150		PB
	100		Stainless Steel	100		XB
	100		Hard Rubber	80		A2
	175		PolyPropylene			
	175		PVDF			
Sodium Bromate	100	100	ETFE	90	100	U1
	100		PFA	150		PB
	100		Hard Rubber	100		XB
	100		PolyPropylene	80		A2
	175		Butyl			
	175		PVDF			
Sodium Bromide	150	100	Glass	150	100	PB
	150		ETFE	100		XB
	150		PFA	80		A2
	150		Hard Rubber			
	150		PolyPropylene			
Sodium Carbonate	150	100	Glass	150	100	PB
	150		ETFE	100		XB
	150		PFA	80		A2
	150		Hard Rubber			
	150		PolyPropylene			
Sodium Carboxy Methyl Cellulose	175	100	PFA	150	100	PB
	175		PolyPropylene	60		XB
	175		Cast Iron	60		A2
Sodium Chloracetate	175	100	PFA	150	100	PB
	175		Hard Rubber	25		XB
	175		PolyPropylene	25		A2

S

Sodium Chlorate - Sodium Dodecyl

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Sodium Chlorate	150	100	Glass	80	100	XC
	150		ETFE	60		U1
	150		PFA	150		PB
	150		PVDF	60		XB
Sodium Chloride (Salt)	150	100	ETFE	100	100	XE
	150		PFA	90		N1
	150		Hard Rubber	100		XB
	150		PolyPropylene	80		A2
	150		PVDF	90		C1
	175		Neoprene			
Sodium Chlorite	100	100	Glass	100	100	PC
	100		PFA	100		
Sodium Chromate	150	100	Glass	90	100	XB
	150		ETFE	60		A2
	150		PFA	150		PB
	150		Cast Iron			
Sodium Citrate	150	100	Glass	100	100	XB
	150		ETFE	150		PB
	150		PFA	80		A2
	100		Hard Rubber			
	100		PolyPropylene			
	100		Cast Iron			
Sodium Cyanamide	60	20	Glass	150	20	PB
	60		ETFE	60		XB
	60		PFA			
	60		Stainless Steel			
Sodium Cyanate	100	100	Glass	100	100	PE
	100		PFA	100		PB
	100		Stainless Steel	100		XB
	100		Butyl	100		A2
	150		ETFE			
	150		PFA			
	150		Hard Rubber			
	175		PolyPropylene			
	175		PVDF			
Sodium Dichromate	100	100	Glass	150	100	PB
	100		PFA	60		XB
	175		PolyPropylene			
Sodium Dodecyl Benzene Sulfonate	150	100	Glass	100	100	XB
	150		PFA	150		PB
	150		Hard Rubber	80		A2
	150		PolyPropylene			

S

Sodium Ferricyanide - Sodium Hypochlorite

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Sodium Ferricyanide	150	100	ETFE	80	100	XB
	150		PFA	70		A2
	175		Hard Rubber	150		PB
	175		PolyPropylene			
Sodium Ferrocyanide	150	100	ETFE	150	100	PB
	150		PFA	80		XB
	150		Hard Rubber	70		A2
	175		PolyPropylene			
	175		PVDF			
Sodium Fluoride	150	100	ETFE	150	100	PB
	150		PFA	80		XB
	150		Hard Rubber	70		A2
	175		PolyPropylene			
	175		Butyl			
	175		PVDF			
Sodium Fluoro Acetate	175	100	PFA	150	100	PB
	175		PolyPropylene	100		XB
	60		Cast Iron			
Sodium Formate	150	100	Glass	150	100	PB
	150		ETFE	100		XB
	150		PFA	80		A2
	100		Hard Rubber			
	100		PolyPropylene			
Sodium Hexameta Phosphate	60	100	Stainless Steel	80	100	N1
	60		Hard Rubber	100		XB
	60		PolyPropylene	80		A2
Sodium Hydrogen Fluoride	100	100	ETFE	150	100	PB
	100		PFA	80		XB
	100		Hard Rubber	60		A2
	150		PolyPropylene			
	150		Butyl			
Sodium Hydroxide (Caustic Soda)	100	60	ETFE	100	50	XE
	100	60	PFA	100	50	XC
	100	60	Hard Rubber	80	50	U1
	100	60	PolyPropylene	150	60	PB
	100	60	Butyl	100	60	XB
	100	30	Cast Iron	80	60	A2
Sodium Hydroxide Oily	175	100	PFA	90	100	N1
	175		Neoprene	100		PB
	60		SG Iron			
Sodium Hypochlorite (Bleach)	150	100	Glass	60	5	XE
	150	100	ETFE	60	5	XC
	150	100	PFA	60	5	U1
	150	5	Hard Rubber	150	100	PC

S

Sodium Iodide - Sodium Polyphosphate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Sodium Iodide	150	100	Glass	70	100	N1
	150		ETFE	150		PB
	150		PFA	100		XB
	150		Hard Rubber	80		A2
	150		Neoprene			
Sodium Iso Butyl Xantate	30	100	PFA	30	100	PB
	30		Cast Steel	30		
Sodium Nitrate	150	100	ETFE	100	100	N1
	150		PFA	150		PB
	150		Hard Rubber	100		XB
	150		PolyPropylene	100		A2
	175		Butyl	100		XE
	175		PVDF			
Sodium Nitrite	150	50	Glass	100	50	N1
	150		ETFE	150	100	PB
	150		PFA	100	50	XB
	150		Stainless Steel	100	50	A2
	150		PolyPropylene			
	150		PVDF			
Sodium Oxalate	150	100	Glass	80	100	N1
	150		ETFE	150		PB
	150		PFA	100		XB
	150		PolyPropylene	80		A2
	120		PVDF			
Sodium Pentachloro Phenate	150	100	Glass	60	100	U1
	150		ETFE	150		PB
	150		PFA	80		XB
	150		Hard Rubber	60		A2
	100		Cast Iron			
Sodium Perborate	100	100	ETFE	45	100	U1
	100		PFA	150		PB
	100		Stainless Steel	45		XB
	175		Hard Rubber			
Sodium Phenate	120	100	Stainless Steel	150	100	PB
	100		Cast Iron	150		
Sodium Phosphate	150	50	ETFE	70	50	N1
	150		PFA	150		PB
	150		Hard Rubber	80		XB
	175		Butyl	80		XE
	175		PVDF			
	175		Neoprene			
Sodium Polyphosphate	100	100	Stainless Steel	100	100	XB
	100		Hard Rubber	90		A2
	80		PolyPropylene			

S

Sodium Salicylate - Sodium Thioglycolate

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Sodium Salicylate	100	100	Glass	100	100	XB
	100		Stainless Steel	80		A2
	100		Hard Rubber			
	100		PolyPropylene			
Sodium Silicate	150	50	ETFE	80	50	XB
	150		PFA	150		PB
	175		Hard Rubber			
	175		PolyPropylene			
	80		PVDF			
Sodium Silicofluoride	150	100	ETFE	150	100	PB
	150		PFA	100		XB
	150		PolyPropylene	80		A2
	175		Butyl			
Sodium Stannate	120	100	ETFE	150	100	PB
	120		PFA	100		XB
	120		Hard Rubber	80		A2
	175		Butyl			
Sodium Sulfate	150	100	ETFE	90	100	N1
	150		PFA	150		PB
	150		PolyPropylene	100		XB
	150		Butyl	90		A2
	175		PVDF			
	175		Soft Rubber			
	175		Hard Rubber			
Sodium Sulfite	150	100	ETFE	150	100	PB
	150		PFA	80		XB
	150		Hard Rubber	60		A2
	175		PolyPropylene			
Sodium Tetraborate (Borax)	150	100	ETFE	110	100	XE
	150		Stainless Steel	100		XB
	150		Hard Rubber	100		A2
	80		PolyPropylene			
	80		PVDF			
Sodium Thiocyanate	150	100	Glass	150	100	PB
	150		ETFE	100		XB
	150		PFA	100		A2
	100		Hard Rubber			
	100		Butyl			
Sodium Thioglycolate	150	100	Glass	100	100	XB
	150		Hard Rubber	80		A2
	80		PolyPropylene	150		PB

S

Sodium Thiosulfate - Stearin

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Sodium Thiosulfate	150	100	ETFE	60	100	N1
	150		PFA	150		PB
	150		Stainless Steel	60		XB
	175		Hard Rubber	80		XE
	175		PolyPropylene			
Sodium Vanadate	60	100	PolyPropylene	80	100	N1
	60		Gun Metal	100		XB
				80		A2
Solvent Naphtha	150	100	SG Iron	25	100	XC
	150		Cast Steel	150		PC
Solvesso Solvents	150	100	SG Iron	25	100	XC
	150		Cast Steel	150		PC
Soups	100	100	Stainless Steel	100	100	XB
	100			PB		
Sour Water	50	100	Butyl	50	100	XE
	50			XB		
Soya Bean Oil	100	100	Stainless Steel	150	100	PC
	100		Cast Iron	40		XC
	100		SG Iron			
Spin Bath Liquor (Rayon)	150	100	Glass	150	100	PB
	150		ETFE	80		C1
	100		PFA			
	100		Hard Rubber			
	175		PolyPropylene			
	175		PVDF			
Spin Finish Solutions (Synthetic Fibres)	100	100	Glass	150	100	PB
	100		ETFE	80		XB
	100		PFA	80		C1
	100		Stainless Steel			
Stannous Chloride	150	100	ETFE	150	100	PB
	150		PFA	80		XB
	175		Hard Rubber			
	175		PolyPropylene			
Starch	150	100	Glass	100	100	XB
	150		PolyPropylene	100		A2
	80		Butyl			
	80		Cast Iron			
Steam	160	100	Stainless Steel	110	100	XB
	160		Cast Iron	110		XE
	160		Cast Steel	120		PB
Stearin (Stearic acid)	150	100	ETFE	30	100	XC
	150		Stainless Steel	150		PC
	150		Cast Iron			

S

Stoddard Solvent - Sulfosalicylic Acid

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Stoddard Solvent	100	100	SG Iron	60	100	XC
	100		Gun Metal	150		PC
	100		Cast Steel	30		C1
Stratatherm Vapours	150	100	Glass	150	100	PC
	70		Cast Iron	150		
	70		SG Iron	150		
	70		Gun Metal	150		
	70		Cast Steel	150		
Streptomycin	100	100	Glass	120	100	XB
	150		PFA	120		PB
	120		Stainless Steel			
Styrene	146	100	SG Iron	25	100	XC
	146		Cast Steel	150		PC
Succinic Acid	150	100	Glass	150	100	PB
	150		ETFE	100		XB
	150		PFA	80		A2
	135		Stainless Steel	80		N1
	135		Hard Rubber			
	135		PolyPropylene			
Sugar Cane or Beet	100	100	Stainless Steel	100	100	XB
	100		Cast Iron	100		
	100		Gun Metal	100		
Sulfamic Acid	150	100	Glass	100	100	U1
	150		ETFE	150		PB
	100		PFA	100		XB
	100		Hard Rubber			
	100		PolyPropylene			
Sulfite Liquor	40	100	Glass	80	100	N1
	40		ETFE	150		PB
	40		PFA	80		XB
	120		Stainless Steel			
	120		Butyl			
	120		PVDF			
Sulfonated Castor Oil	100	100	Glass	150	100	PB
	100		ETFE	150		
	175		PFA	150		
Sulfonated Detergents	150	100	Glass	80	100	A2
	60		Hard Rubber	100		XB
	60		PolyPropylene			
Sulfosalicylic Acid	175	100	Glass	150	100	PB
	175		ETFE	100		XB
	175		PFA	80		A2
	150		PolyPropylene			
	150		Butyl			

S

Sulfur Dioxide - Syrup

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Sulfur Dioxide Gas	110	100	ETFE	150	100	PB
	110		PFA	30		XB
	175		Hard Rubber			
	175		Butyl			
	60		PVDF			
Sulfur Dioxide Liquid Dry	25	100	Glass	25	100	XB
	25		PFA	25		PB
	25		Gun Metal			
Sulfur Hexafluoride	64	100	PFA	25	100	XE
	64		Stainless Steel	64		PB
	64		Cast Iron	25		XB
Sulfur Trioxide	100	100	Glass	25	100	XC
	100		ETFE	100		PC
	25		PFA			
Sulfurous Acid	150	100	Glass	30	100	XC
	150		ETFE	150		PC
	110		PFA			
	110		Hard Rubber			
Swimming Pool Water	30	100	Hard Rubber	30	100	XB
	30		PolyPropylene	30		XE
	30		Cast Iron	30		A2
	30		Gun Metal			
Syrup (Sugar)	100	100	Stainless Steel	100	100	XB
	100		Cast Iron	100		
	100		Gun Metal	100		

T

Tall Oil - Thioglycolic Acid

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Tall Oil	100	100	Glass	150	100	PC
	100		ETFE	30		C1
	100		SG Iron	60		XC
Tallow	100	100	Cast Iron	60	100	XC
	100		Gun Metal	150		PC
Tanalith	40	100	SG Iron	40	100	XB
	40		Cast Steel	40		A2
Tannic Acid	150	100	Glass	40	100	U1
	135		ETFE	80		XB
	135		Stainless Steel			
	100		PolyPropylene			
Tartaric Acid	135	100	ETFE	100	100	XB
	135		Stainless Steel	80		A2
	100		Hard Rubber			
	100		PolyPropylene			
Teepol	150	100	Glass	60	100	XB
	150		ETFE	40		A2
	100		Stainless Steel			
	100		Hard Rubber			
Terephthalic Acid	150	100	Glass	150	100	PB
	100		ETFE	150		
	150		PFA	150		
	100		Stainless Steel	150		
Terpineol	150	100	Cast Iron	150	100	PC
	150		SG Iron	150		
Tetra Hydro Furan (THF)	66	100	Glass	66	100	PB
	66		SG Iron	66		
Tetrachloro Ethane	146	100	Cast Iron	25	100	XC
	146		SG Iron	146		PC
Tetrachloro Ethylene	121	100	Stainless Steel	121	100	PC
	60		Cast Iron	25		XC
	60		SG Iron			
Tetraethyl Lead	150	100	Glass	25	100	XC
	150		ETFE	150		PC
	150		PFA			
	150		SG Iron			
	150		Cast Steel			
Tetralin	150	100	SG Iron	150	100	PC
	150		Cast Steel	150		
Thioglycolic Acid	120	100	Glass	120	100	PB
	100		ETFE	120		
	120		PFA	120		
	80		Stainless Steel	120		

T

Thionyl Chloride - Triethanol Amine

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Thionyl Chloride	150	100	Glass	150	100	PB
	100		ETFE	150		
	150		PFA	150		
Titanium Dioxide	150	100	Glass	60	100	A2
	150		Hard Rubber	100		XB
	150		PolyPropylene	100		A2
	80		Butyl			
	80		Soft Rubber			
Titanium Tetrachloride - DRY	136	100	Glass	25	100	XC
	136		ETFE	136		PC
	100		PFA			
Tobacco	60	100	Stainless Steel	60	100	XE
	60		Cast Iron	60		XB
	60		SG Iron			
Toluene	110	100	SG Iron	25	100	XC
	110		Cast Steel	110		PC
Toluene Di-isocyanate (TDI)	100	100	Glass	100	100	PB
	100		PFA	100		
	25		SG Iron	100		
Tomato Juice	100	100	Stainless Steel	100	100	PB
Transformer Oil	150	100	Stainless Steel	60	100	C1
	150		Cast Iron	80		XC
	150		SG Iron			
	150		Cast Steel			
Tributyl Phosphate	150	100	Glass	150	100	PB
	60		ETFE	150		
	150		PFA	150		
	60		Stainless Steel	150		
	100		Cast Iron	150		
Trichloro Benzene	150	100	Glass	150	100	PC
	120		Cast Iron	150		
Trichloro Ethane	74	100	Stainless Steel	25	100	XC
	74		SG Iron	74		PC
Trichloro Ethylene	87	100	Stainless Steel	25	100	XC
	87		SG Iron	87		PC
Tricresyl Phosphate	100	100	Glass	150	100	PB
	100		PFA	25		XB
	175		Stainless Steel	25		XE
	175		Cast Iron			
Triethanol Amine	60	100	ETFE	60	100	N1
	60		PFA	100		PB
	100		Stainless Steel			
	100		Cast Iron			
	100		SG Iron			

T

Triethylene Glycol - Turpentine

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Triethylene Glycol	150	100	Stainless Steel	90	100	XB
	150		Hard Rubber	90		XE
	150		Cast Iron	150		PB
	60		Gun Metal			
Trinitro Toluene	25	100	Glass	25	100	XC
	25		PFA	25		PC
	25		Stainless Steel			
Tritolyl Phosphate	100	100	Glass	60	100	XC
	100		PFA	100		PB
	100		Stainless Steel	40		XB
	100		Cast Iron			
Tung Oil	100	100	Glass	60	100	XC
	100		Stainless Steel	100		PC
	100		Cast Iron	30		C1
	100		SG Iron			
Turbine Oil	150	100	SG Iron	60	100	XC
	150		Gun Metal	150		PC
Turkey Red Oil	125	100	Glass	150	100	PC
	60		ETFE	150		
Turpentine	150	100	Glass	150	100	PC
	150		ETFE	30		C1
	135		PFA	60		XC
	135		SG Iron			

U

Unleaded Petrol - Urine

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Unleaded Petrol	30	100	ETFE	30	100	XC
	30		PFA	30		PB
	30		Stainless Steel			
	30		Cast Iron			
Uranyl Nitrate	100	100	Glass	60	100	A2
	100		Stainless Steel	100		XB
	100		Butyl			
Urea	135	100	ETFE	80	100	A2
	135		Stainless Steel	100		XB
	135		Hard Rubber			
	60		PolyPropylene			
Urea Formaldehyde Glues	100	100	Glass	100	100	PB
	100		Stainless Steel	100		
	100		Cast Iron	100		
Urine	30	100	Glass	30	100	XB
	30		Stainless Steel	30		A2
	30		PolyPropylene	30		PB
	30		Gun Metal			

V

Vacuum - Vodka

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Vacuum	176	100	PFA	30	100	PB
	176		Cast Iron	100		A2
	176		Cast Steel	100		C2
				100		XB
Vanadyl Sulfate	80	100	Hard Rubber	100	100	XB
	80	100	PolyPropylene	100		PB
	60	100	Butyl			
Vanillin	100	100	Stainless Steel	100	100	PB
Varnish	100	100	Glass	100	100	PB
	100		SG Iron	100		
	100		Gun Metal	100		
Vegetable oil	100	100	Glass	150	100	PB
	100		Stainless Steel	30		C1
	120		Cast Iron	60		XC
Vermiculite	60	100	Stainless Steel	60	100	XB
	60		PolyPropylene	60		A2
	60		Cast Iron			
Vinegar	100	100	Glass	100	100	PB
	100		Stainless Steel	100		
	60		PolyPropylene	100		
Vinyl Acetate Monomer	73	100	Glass	73	100	PB
	73		PFA	73		
	73		Stainless Steel	73		
Vinyl Acetate Paints	60	100	Glass	60	100	PB
	60		Stainless Steel	60		
	60		Cast Iron	60		
Vinyl Chloride	60	100	Glass	60	100	PB
	60		ETFE	60		
	60		PFA	60		
	60		Stainless Steel	60		
Vinylidene Chloride	60	100	Glass	60	100	PB
	60		PFA	60		
	60		Stainless Steel	60		
Vodka	96	100	Glass	96	100	PB
	96		Stainless Steel	96		

W

Wallpaper Paste - Whey

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Wallpaper Paste	60	100	Glass	60	100	PB
	60		Stainless Steel	25		XB
	60		Cast Iron	25		XE
Water Cold	30	100	PolyPropylene	30	100	XB
	30		Cast Iron	30		XE
	30		PVDF	30		PB
	30		Stainless Steel	30		C1
	30		Gun Metal	30		PE
	30		Hard Rubber			
Water Constant Hot	100	100	ETFE	100	100	XB
	100		Stainless Steel	100		XE
	100		Cast Iron	100		PB
	100		PVDF			
Water Drinking	25	100	Stainless Steel	25	100	XB
	25		Hard Rubber	25		XE
	25		PolyPropylene	25		PB
	25		PVDF	25		C1
	25		Gun Metal	25		PE
	25		Butyl			
Water Fire Mains	100	100	SG Iron	100	100	U1
	100		Gun Metal	100		
Water Heavy	100	100	Stainless Steel	100	100	XB
	100		Butyl	100		
	100		Neoprene	100		
Water Oily	60	100	Cast Iron	60	100	N1
	60		Gun Metal	60		C1
Water Salt or Brackish	60	100	Hard Rubber	80	100	A2
	60		PolyPropylene	80		C2
	60		Gun Metal	100		XB
Water Sea	60	100	Hard Rubber	100	100	XB
	60		PolyPropylene	80		A2
	60		Gun Metal	80		C2
Water Steam	160	100	Stainless Steel	110	100	XB
	160		Cast Iron	110		XE
	160		Cast Steel	120		PB
Wax	150	100	Stainless Steel	60	100	XC
	150		SG Iron	150		PC
	150		Gun Metal	30		C1
WFI	100	100	Stainless Steel	100	100	PB
Whey	100	100	Stainless Steel	100	100	XB
	100		PolyPropylene	100		PB
	60		Cast Iron			
	60		Gun Metal			

W

Whiskey - Wort

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Whiskey	96	100	ETFE	30	100	XB
	96		Stainless Steel	96		PB
	96		Gun Metal			
White Lead	80	100	Hard Rubber	80	100	N1
	80		PolyPropylene	100		XB
	80		Cast Iron	60		A2
	60		Gun Metal			
White Liquor	80	100	Butyl	80	100	XE
	80		Cast Iron	80		XB
White Spirit	100	100	SG Iron	150	100	PC
	100		Gun Metal	30		C1
	100		Cast Steel	60		XC
Wine	30	100	Glass	30	100	XB
	30		Stainless Steel	30		PB
Wood Pulp	60	100	PolyPropylene	80	100	N1
	60		Cast Iron	80		A2
	100		Neoprene			
	100		Soft Rubber			
Woolgrease (Lanolin)	150	100	Cast Iron	80	100	XC
	150		SG Iron	40		C1
Wort	100	100	Stainless Steel	100	100	PB
	60		PolyPropylene	100		XB
	60		Cast Iron			
	100		Gun Metal			

X

Xylene

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Xylene	140	100	SG Iron	30	100	XC
	140		Cast Steel	140		PC

Y

Yeast - Yoghurt

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Yeast	40	100	Stainless Steel	40	100	PB
	40		PolyPropylene	40		XB
	40		Gun Metal			
Yoghurt	40	100	Stainless Steel	40	100	XB
	40		PolyPropylene	40		PB
	40		Gun Metal			

Z

Zinc Acetate - Zinc Sulfide

Chemical	Max Temp (°C)	Max Conc (%)	Lining	Max Temp (°C)	Max Conc (%)	Diaphragm
Zinc Acetate	120	100	ETFE	100	100	XB
	120		PFA	100		XE
	120		Hard Rubber	150		PB
	175		PolyPropylene			
	175		Butyl			
Zinc Chloride	150	100	ETFE	100	100	XB
	150		Hard Rubber	100		XE
	80		PolyPropylene			
	80		Butyl			
	60		PVDF			
Zinc Plating Solutions	100	100	ETFE	100	100	XB
	100		Hard Rubber	100		XE
	60		Butyl			
	60		PVDF			
Zinc Sulfate	175	100	PFA	100	100	XB
	175		Hard Rubber	150		PB
	175		PolyPropylene	80		A2
	80		Butyl			
	80		PVDF			
Zinc Sulfide	150	100	ETFE	150	100	PB
	150		PFA	60		XB
	150		Cast Iron	25		A2
	175		Soft Rubber			