

# SERVICE RECOMMENDATIONS

Fluid	Body Material/Lining	Diaphragm Grade	Notes
Abrasive Fluids (Non-corrosive)	SR CI,CS,BR,SS	Q HT,AA	
Abrasive Fluids (Corrosive)	BL GL,PP,CR,SRL,SS	B,325 Q,HT,AA	
Abietic Acid	ETFE GL,BR,AL	C 214P*	
Acetaldehyde, TLV 200 ppm	CI PP,HRL,AL,SS,ETFE	B,325 Q,HT,214P*	Sealed bonnet advised. Nitrile O-ring seal.
Acetic Acid up to 50%	PP GL,SS,HRL,BR,ETFE	B,325 214P*	
Acetic Acid over 50%	ETFE GL,SS,BL,AL	B,325 214P*	
Acetic Acid (Glacial)	ETFE GL,SS,BL,AL	B,325 214P*	
Acetic Anhydride, TLV 5 ppm	SS ETFE,BL,AL,GL	B Q, 214P*	Sealed bonnet advised. Fluorocarbon seal.
Acetoacetic Ester	ETFE SS,GL,AL	214P*	
Acetone	CI HRL,SS,AL,ETFE,PP	B 214P*,W	
Acetylene	DI CS,AL,CI	B Q,HT	Sealed bonnet advised. Use all iron and steel sealed bonnet.
Acetylsalicylic Acid (Aspirin)	ETFE GL,SS,AL	214P* B,W	
Acrolein	DI ETFE,GL,AL	214P*	
Acrylonitrile, TLV 20 ppm	DI PFA,GL,ETFE,AL	214P* B,Q	Sealed bonnet advised. Nitrile O-ring seal.
Adipic Acid	ETFE ECTFE, HRL,SS,AL	B 214P*	
Adiponitrile	GL SS	214P* B,W	Sealed bonnet available.
Air-See Compressed Air			
Alcoholic Drinks	SS ECTFE,ETFE,BR,GL	326(F) Q,300	Valves with internal polish available.
Alcoholic, TLV 1000 ppm	DI SS,PVDF	B W	
Alkaid Lye	ECTFE BL,AL	B Q	
Alkylated Phenois	GL CI,ETFE	226 214P*	
Alkyd Resins	GL SS,ETFE	214P* 226	
Alkyl Aryl Sulphonates	ETFE GL,SS	214P* Q	
Allyl Alcohol, TLV 2 ppm	CI PP,ECTFE,BR,SS,AL,ETFE	214P* W,Q,325	Sealed bonnet advised.
Aloe	AL SS,BR	214P* B	
Alum (Aluminum Potassium Sulfate)	PP HRL,SS,ECTFE,GL,ETFE	Q B,325,214P*	
Alumina	CI SRL,BL	Q B,325,AA	
Aluminum Acetate (Basic)	PP HRL,AL,SS	Q B,325	
Aluminum Chloride	ETFE ECTFE,PVC,GL,HRL,PP,PVDF	Q B,214P*,325	
Aluminum Chloro Hydrate	ETFE ECTFE,PVC,BL,HRL	Q B,214P*,325	
Aluminum Fluoride	ETFE BL,ECTFE,ETFE,BL	B Q,325	
Aluminum Silicofluoride	ETFE BL,ECTFE,HRL	B Q,325	
Aluminum Sulphate	PP HRL,SS,PVDF,BR,GL,ECTFE	Q B,325,214P*	
Aluminoferic	PP HRL,SS,BR,GL,ECTFE	Q B,325	
Amino Resins	GL SS	214P* B	
Ammonia, Aqueous, TLV 50 ppm	DI SS,CS,GL,CI,HRL,PP,PVDF,ETFE	Q B,325,214P*	Sealed bonnet advised. Use all iron and steel sealed bonnet.
Ammonia, Gaseous, TLV 50 ppm	DI SS,CI,HRL	Q B,325,214P*	Sealed bonnet advised. Use all iron and steel sealed bonnet.
Ammonia, Liquid, TLV 50 ppm	DI SS,CI	Q B	Sealed bonnet advised. Use all iron and steel sealed bonnet.
Ammoniacal Liquor	CI HRL,PP,GL	B HT,C,214P*	
Ammonium Acetate	HRL GL,ECTFE,AL	Q B,325	
Ammonium Bicarbonate	CI PP,HRL,AL	Q B,325	
Ammonium Bisulphate	HRL PP	B Q,325	
Ammonium Carbamate	HRL PP,ECTFE,BL,AL,SS	B Q,325	
Ammonium Carbonate	CI PP,HRL,AL,SS,GL,ECTFE	Q B,325	
Ammonium Chloride	PP HRL,ECTFE,GL,PVDF	Q B,325,214P*	
Ammonium Citrate	SS HRL,PVDF,ECTFE	Q B,214P*,325	
Ammonium Fluoride	BL HRL,PP	B Q,325	
Ammonium Fluosilicate	BL HRL,PP	B Q,325	
Ammonium Hydroxide, TLV 50 ppm	CI HRL,GL,ETFE,PVDF,PP	Q B,325,214P*	Sealed bonnet available. Use all iron and steel sealed bonnet.
Ammonium Molybdate	CI PP,GL,SS	B 300,214P*,325	
Ammonium Nitrate	SS ECTFE,ETFE,HRL,PVDF,BL,GL,PP	B 214P*,226	Keep cool and moist. Can explode if heated.
Ammonium Persulphate	PP HRL,GL,ETFE,PVDF	214P* B	Keep cool and moist.
Ammonium Phosphate	BL PP,SS,HRL,GL,ETFE,PVDF	Q B,325,214P*	Sealed bonnet advised. Only if fluoride absent.
Ammonium Sulphate	ETFE BL,PP,PVDF,ECTFE,GL,SS,HRL	B Q,325,214P*	
Ammonium Sulphide	HRL GL,AL,ETFE	Q B,325	Sealed bonnet advised.
Ammonium Thiocyanate	PP HRL,AL,GL,PP	B Q,214P*	
Ammonium Thioglycolate	ETFE GL,PVC	214P* B,325	
Ammonium Thiosulphate	SS PP,HRL,AL	B 214P*,W,325	
Amyl Acetate, TLV 100 ppm	SS GL,PVDF,ETFE,CI,BR	214P*	
Amyl Alcohol	CI BR,HRL,ECTFE,SS,ETFE	B BL,Q,W,325,214P*	
Amyl Nitrate	PFA SS,GL,AL	214P*	Sealed bonnet with Fluorocarbon seal.