

SERVICE RECOMMENDATIONS

Fluid	Body Material/Lining	Diaphragm Grade	Notes
Brandy	SS PVDF, BR, PP	Q W,300	Internally polished valves available.
Brine	PP ECTFE, CI, BR, HRL, PVDF	Q B, C, 325, 214P*	
Brine, Chlorinated	ETFE PVDF, HRL, GL	P2 226, Q, 237	
Bromine, TLV 0.1 ppm	PVDF GL, ECTFE	226 P5/P3	Sealed bonnet available. Viton O-ring seal. HL not over 80°F.
Bromochlorodifluoromethane (BCF)	CI BR, AL	214P*	
Butadiene, TVL 1000 ppm	DI AL, SS, ETFE, PVDF, BR	214P*	Sealed bonnet advised. Nitrile O-ring seal.
Butane	DI C, AL, BR, ETFE, PP	C HT, 214P*	Sealed bonnet advised. Nitrile O-ring seal.
Butanol, TLV 100 ppm	ETFE GL, DI, CI, BR, AL	B W, HT, 325	Sealed bonnet available.
Butter	SS AL, BR, ETFE	C 226, 214P*	Internally polished valves available.
Buttermilk	SS AL, BR	C 226, 214P*	Internally polished valves available.
Butterscotch	SS ETFE, BR	214P* 300	Internally polished valves available.
Bytyl Acetate, TLV 150 ppm	SS GL, AL, PP, ETFE, BR, CI	214P*	Sealed bonnet advised. Fluorocarbon seal.
Iso Butyl Acetate, TLV 150 ppm	ETFE SS, DI, AL, GL, CI	214P*	Sealed bonnet advised. Fluorocarbon seal.
Butyraldehyde	PP SS, GL, AL	214P*	Sealed bonnet advised.
Cadmium Sulphate	PP HRL, SS, BR, GL, CI	Q B, 325, C	
Calcium Bisulphite	ETFE SS, ECTFE, HRL, GL, BR, PVDF, PP	Q 300, 325, 214P*	Sealed bonnet available. Nitrile O-ring.
Calcium Carbonate	CI SRL, PP, GL, ETFE, PVDF	Q 325, 214P*, AA	
Calcium Chloride	PP HRL, BR, CI, ETFE, PVDF	Q 300, 325, 214P*	
Calcium Cyanamide	CI SRL, PP, HRL	Q AA	
Calcium Formate	PP SS, HRL	Q B, 325	
Calcium Hydroxide	CI PP, SRL, HRL, ETFE, PVDF	Q B, 325, 214P*	
Calcium Hypochlorite	PP HRL, GL, CI, ETFE, PVDF	237 Q, 325, 214P*	
Calcium Nitrate	PP SS, ECTFE, HRL, GL	Q B, 325	
Calcium Peroxide	ETFE SS, BL, HRL	B 237	Keep moist.
Calcium Phosphate	PP BL, NL, HRL, SRL, GL	Q B, HT, 325, AA	
Calcium Sulphate	SRL CI, PP, BR, GL, ETFE, PVDF	Q B, 325, 214P*, AA	
Calcium Sulphite	ETFE SS, ECTFE, HRL, CI, GL	Q B	Sealed bonnet available. Nitrile O-ring seal.
Calgon	PP HRL, SS, BL	B Q, 325	
Calomel (Mercurous Chloride)	PP ECTFE, GL, ETFE, HRL	B Q, 214P*	Sealed bonnet available. Nitrile O-ring seal. Toxic.
Calor Gas	DI C, AL	C HT	Sealed bonnet available. Nitrile O-ring seal.
Cane Juice	CI PP, SRL, HRL, BR	300 Q, AA	
Capric Acid	ETFE SS, AL	214P* 226	
Caprolactam	ETFE SS, GL, AL	214P* B	
Capryl Alcohol	ETFE SS, GL, CI, AL, BR	214P*	
Caramel	SS BR, CI	300 Q, 214P*	Polished valves available.
Cabitol	DI PFA, CI, BR, AL, GL	214P*	
Carbon Black	SRL CI, HRL, GL, ETFE	Q HT, 214P*, AA	
Carbon Dioxide, TLV 5000 ppm	CI DI, PP, BR, AL, SS, ETFE	B 215(F), 214P*, HT, W	
Carbon Disulphide, TLV 20 ppm	SS PFA, AL, BR, ETFE	P5/P3 226	Sealed bonnet available. Viton O-ring seal.
Carbon Monoxide, TLV 50 ppm	DI BR, SS, CI, AL	B HT, 325	Sealed bonnet advised. Nitrile O-ring seal.
Carbon Tetrachloride, TLV 10 ppm	CI DI, GL, BR, ETFE, PVDF	214P* C	Sealed bonnet advised. Nitrile O-ring seal.
Carnallite	HRL GL	Q B	
Casein	SS AL, PP, CI, ETFE	W 300, 214P*	
Castor Oil	SS CI, BR, AL, ETFE, PP	B W, Q, C, 214P*	
Caustic Potash	CI PP, BL, SS, HRL	Q B, 325, 300	
Caustic Soda	CI PP, BL, HRL, SS	Q B, 325, 300	
Cebex 112	CI HRL	Q B	
Cellosolve, TLV 200 ppm	DI PFA, CI, BR, AL, SS	214P*	Sealed bonnet. Fluorocarbon seal.
Cellulose Lacquers	DI PFA, AL, GL, SS, CI, ETFE	214P* 226	Sealed bonnet. Fluorocarbon seal.
Cement (Dry and Slurry)	SRL CI, GL, C	Q 226, AA	
Cereclor	AL GL, ETFE	214P* 226	
Chalk	CI SRL, PP, HRL, GL	Q AA, 325	
China Clay	CI SRL, PP, BR	Q AA	
Chloracetic Acid	GL SS, ETFE	P2	Sealed bonnet advised. Viton O-ring seal.
Chlorinated Brine	ETFE PVDF, HRL, GL, SS	P2 226, Q, 237	
Chlorinated Copperas	PP HRL, ECTFE, SS	237 Q	
Chlorinated Diphenyls, TLV 0.5 mg/M ³	CI SS	214P*	Sealed bonnet available. Viton O-ring seal.
Chlorinated Paraffin	AL GL, ETFE	214P* 226	
Chlorine Dioxide, TLV 0.1 ppm	PFA PVDF, GL, ETFE	P2 226	Sealed bonnet available. Viton O-ring seal. Mineral oil based greases must not be used.
Chlorine Gas, TLV 1 ppm			Sealed bonnet advised for all gaseous and liquid chlorine applications. Viton O-ring seal.
Dry	DI GL, ETFE, PVDF, HRL, CI	P5/P3 226, 237, Q	
Moist	TI ETFE, GL, HRL, PVDF	P5/P3 226, Q, 237	
Wet	TI ETFE, GL, PVDF	P5/P3 226	"Wet" means more than 0.4% water.