

# SERVICE RECOMMENDATIONS

Fluid	Body Material/Lining	Diaphragm Grade	Notes
Thionyl Chloride	PFA GL	214P*	
Titanium Dioxide	BL HRL,PP,GL,ETFE	B 0,300	
Titanium Tetrachloride	CS DI,GL,ETFE	226 214P*	Sealed bonnet. Viton O-ring seal.
Toluene, TLV 200 ppm	DI CS,CI,AL,SS,GL,ETFE,PVDF	P5/P3 226,214P*	Sealed bonnet available. Viton O-ring seal.
Toluene Di-Isocyanate (TDI)	DI AL,ETFE	214P*	Sealed bonnet. Fluorocarbon seal. Toxic.
Tomato Juice	SS	HT 215(F),W	Internally polished valves available.
Transformer Oil	SS AL,DI,CI,ETFE	C 226,214P*	
Trichlorobenzene	DI CI,AL,GL	P5/P3 214P*	
Trichloroethane (Inhibited) (Genklene Chlorothene), TLV 350 ppm	C DI,AL,GL	P5/P3 226,214P*	Sealed bonnet available. Viton seal.
Trichloroethylene, TLV 100 ppm	C DI,AL,CI,SS,GL,ETFE,PVDF	P5/P3 226,214P*	Sealed bonnet available. Viton O-ring seal.
Tricresyl Phosphate, TLV 0.1 mg/M <sup>3</sup>	CI AL,ETFE,GL,SS	214P* B,325,215(F)	Sealed bonnet. Fluorocarbon seal.
Triethylene Glycol	CI BR,AL,SS	Q B,325,P3	
Trinitrotoluene	GL BL,ETFE,AL	214P* 226,300	Explosive. Keep moist.
Tritolyl Phosphate	CI AL,ETFE,GL,SS	214P* B,215(F)	
Tung Oil	DI CI,SS,GL,AL,ETFE	226 C,214P*,HT,B	
Turbine Oil	BR ETFE	HT 226,C	
Turkey Red Oil	GL ETFE	214P*	
Turpentine, TLV 100 ppm	DI CI,AL,BR,SS,ETFE,PVDF	C 226,214P*	Sealed bonnet available. Viton O-ring seal.
Uranyl Nitrate, TLV 0.05 mg/M <sup>3</sup>	BL SS,GL,HRL	B 0	Sealed bonnet advised. Radioactive.
Urea	PP SS,HRL,GL,ETFE,PVDF	B 300,325,214P*	
Urea/Formaldehyde Glues	GL SS,CI	214P* B	
Urine	BR SS,PP,HRL	Q B,325	
Vanadyl Sulphate	BL PP,HRL,SS	B 300	
Varnish	DI AL,CI,SS,GL,BR	214P* HT,B,C	
Vegetable Oils	AL SS,DI,ECTFE,CI,ETFE,GL	C 226,214P*,B	See individual oils if known.
Vinegar	PP GL,SS,HRL,BR,BL,ETFE	B 214P*,Q,W,215(F)	
Vinyl Acetate Monomer	GL SS,PFA	214P*	Sealed bonnet advised.
Vinyl Acetate Paints	GL SS,PP	Q B,300,215(F)	
Vinyl Chloride, TLV 50 ppm	GL SS,PFA,ETFE	214P* B	Sealed bonnet essential. Viton O-ring seal.
Vinylidene Chloride	GL SS	214P* 226	Valves with internal polish available.
Vodka	SS ETFE	W 215(F),214P*	Internally polished valves available.
Water, Cold	CI PP,BR,HRL	Q B,325	
De-mineralized	PP HRL,ECTFE,ETFE,SS,BL,GL	Q 300,214P*,B,325,326(F)	
Distilled (Pyrogen Free)	PP SS,GL,ETFE	214P* 300	Internally polished valves available.
Drinking	BR SS,PP,CI	Q 300,326(F)	'Fire' and '303 Grades' - B.D.T. and Lloyds approved
Fire Mains	BR C,CS	FIRE 303,325	
Heavy	SS BL,GL	B 300,325,214P*	Sealed bonnet advised. SS to ASTM A296 CF8C.
Hot	CI PVDF,BR,SS	300 325	
Oily	CI BR	HT C	SS to BS 3100 347 C27F.
Radio-Active	SS BL,BR	300 B,HT,325	SS to ASTM A296 CF8C.
Salt	BR PP,HRL,CI	Q C,325	
Whey	SS CI,PP,BR	W 215(F),300	Internally polished valves available.
Whiskey	SS PP,BR,GL	W 215(F),300,214P*	Internally polished valves available.
White Spirit	DI AL,CI,BR	C 226	Internally polished valves available.
Wine	SS GL,ETFE	W 215(F),CF,C,214P*	Internally polished valves available.
Wood Pulp	CI SRL,NL,BR	Q HT,AA	
Wort	CI PP,BR,SS	300 214P*	
Xylene (Xylol), TLV 100 ppm	DI CS,AL,CI,BR,ETFE	P5/P3 226	Sealed bonnet available. Viton O-ring seal.
Yeast	SS BR,PP,GL,ETFE	300 W,214P*	
Zinc Acetate	BL PP,HRL,GL,SS,ECTFE,ETFE	B 300,325,214P*	
Zinc Chloride	PP HRL,GL,BL,ECTFE,ETFE,PVDF	B 300,325,214P*	
Zinc Oxide	SRL SS,CI	Q HT	
Zinc Plating Solutions	BL PP,HRL,GL,ECTFE,ETFE	B 300,325,214P*	
Zinc Sulphate	BL PP,HRL,GL,SS,ETFE,PVDF	B 300,325,214P*	
Zinc Sulphide	SRL CI,ETFE,PVDF	Q 325,214P*,AA	