

SERVICE RECOMMENDATIONS

| Fluid | Body Material/Lining | Diaphragm Grade | Notes |
|--|------------------------------------|-----------------|-----------------------------|
| Sodium Hypochlorite | PVDF HRL, GL, ETFE, SS | 237 | Q, 226, 214P* |
| Sodium Metaborate | PP SS, HRL | 0 | B |
| Sodium Nitrate | PVDF HRL, PP, SS, CI, BR, ETFE, GL | B | Q, 237, 325, 214P* |
| Sodium Nitrite | ETFE HRL, GL, SS, CI | B | Q, 237, 325, 214P* |
| Sodium Pentachlorophenate | CI ETFE, HRL, BR | 0 | B, 325, 214P* |
| Sodium Phosphate | PP HRL, NL, SS, BL, ETFE | B | Q, HT, 214P* |
| Sodium Polyphosphate | PP HRL, SS, BL, ETFE | 0 | B, 325, 214P* |
| Sodium Silicates | CI PP, HRL, SS, GL | 0 | 300, 325 |
| Sodium Silicofluoride | BL ECTFE, PP, HRL | B | Q, 325 |
| Sodium Stannate | BL HRL, PP, SS | B | Q, 300, 325 |
| Sodium Sulphate | CI PP, HRL, PVDF, SS, BR, ETFE | B | Q, 300, 325, 214P* |
| Sodium Sulphide | BL HRL, PP, GL, ETFE, PVDF | B | Q, 300, 214P* |
| Sodium Sulphite | ETFE PP, HRL, BR, SS, PVDF | B | Q, 300, 325, 214P* |
| Sodium Thiocyanate | ETFE BL, HRL, AL | B | Q, 300, 325, 214P* |
| Sodium Thiosulphate | PP ECTFE, GL, HRL, SS, ETFE, PVDF | 300 | 237, 214P*, Q, B, 325 |
| Soft Drinks | SS PP, BR, GL, ETFE | W | 215(F), 300, 214P* |
| Solvent Naphtha | DI CS, AL, CI | 226 | C, 214P* |
| Soups | SS BR, PP, ETFE | W | B, 215(F), 300, 214P* |
| Spent Acids | BL PP, HRL, SS, GL | B | Q, 300 |
| Spin Bath Liquor (Rayon) | PP HRL, GL | 214P* | C, 325 |
| Spin Finish Solutions (Synthetic Fibres) | ETFE SS, GL | B | C, 214P*, 300 |
| Starch | CI AL, PP, BR, ETFE | 0 | B, 325, W, 214P* |
| Stearic Acid | AL ETFE, ECTFE, BR, SS, GL | 226 | 214P* |
| Stearin | CI AL, ETFE, BR, SS | 214P* | HT, 226 |
| Streptomycin | SS GL, ETFE | 300 | 214P* |
| Styrene | CS DI, AL, CI | 214P* | 226 |
| Succinic Acid | SS ETFE, AL, BR, GL | B | 214P* |
| Sugar | CI SS, BR, GL, ETFE | 300 | 215(F), 326(F), Q, 214P* |
| Sulphamic Acid | PP HRL, GL, ETFE | 300 | 237, B, Q, 325, 214P* |
| Sulphite Liquor | ETFE SS, GL, BR, HRL | 300 | 214P*, B, Q |
| Sulphonated Caster Oil | ETFE GL, CI, BR | 214P* | |
| Sulphonated Detergents | PP BR, SS, ETFE | 0 | B, 325, 214P* |
| Sulphophthalic Acid | BL ECTFE, PP, GL, HRL | B | Q, 214P* |
| Sulphosalicylic Acid | BL ECTFE, PP, GL, HR | B | Q, 214P* |
| Sulphur Dioxide (Gas), TLV 5 ppm | BL PVDF, HRL, BR | B | 300, 325, 237, Q, 226 |
| Sulphur Dioxide (Liquid) | PFA GL, BR, ETFE | 214P* | B |
| Sulphur Hexafluoride | AL SS, CI | | C 214P*, 325 |
| Sulphur Trioxide | PFA GL, ETFE, SS | 214P* | |
| Sulphuric Acid Below 80% | BL PP, HRL, GL, ETFE, PVDF | B | 226, 214P*, 237, 325 |
| 80-95% | GL ETFE, PVDF, CI | P5/P3 | 226, 214P* |
| 95-99% | PFA CI, GL, SS, ETFE | P5/P3 | 226, 214P* |
| over 99% | PFA GL, ETFE, CS, CI | P5/P3 | P1 |
| Sulphurous Acid | PP BL, PVDF, HRL, BR, GL, ETFE | B | 300, 325, Q, 214P* |
| Syrups (Sugar) | CI SS, BR, GL, ETFE | 300 | 215(F), 326(F), Q, W, 214P* |
| Tall Oil | C BR, AL, SS, GL, ETFE, DI | 226 | C, 214P* |
| Tallow | CI NL, BR, SS, ETFE | HT | C, 214P* |
| Tanalith | C DI, CS | 0 | 300 |
| Tannic Acid | PP PVDF, HRL, BR, SS, GL, ETFE | B | 300, Q, 325, 214P* |
| Tanning Liquors | PP PVDF, HRL, BL, GL, ETFE | B | 300, 325, 214P* |
| Tartaric Acid | PP HRL, SS, BR, GL, ETFE, PVDF | W | Q, 300, 215(F), 214P* |
| Teepol | PP HRL, BR, SS, GL | 0 | B, 325 |
| Terephthalic Acid | GL SS, ETFE, AL | 214P* | B, 300 |
| Terpineol | DI CI, AL, GL, SS, ETFE | C | 214P* |
| Tetrachloroethane, TLV 5 ppm | DI CI, AL, GL | P5/P3 | 226, 214P* |
| Tetrachloroethylene, TLV 100 ppm | DI CI, AL, SS, GL | P5/P3 | 226, 214P* |
| Tetraethyl Lead | DI CS, GL, PFA | P5/P3 | |
| Tetrahydrofuran, TLV 200 ppm | DI AL, GL, PFA, CI, SS | 214P* | |
| Tetrahydrothiophene | CI BR, SS | B | C, HT, 214P* |
| Tetralin | DI CI, AL, ETFE, BR, GL | 214P* | 226 |
| Thermex | DI CS, CI, AL, SS | 226 | P3 |
| Thioglycolic Acid | SS GL, ETFE | 214P* | B |

Internally polished valves available.

Internally polished valves available.

Internally polished valves available.

Sealed bonnet. Viton O-ring.

Sealed bonnet advised. Viton O-ring seal.

Sealed bonnet available. Viton O-ring seal.

Sealed bonnet available. Viton O-ring seal.

Sealed bonnet available. Viton O-ring seal. SS and C usable only at low fluid velocities.

Sealed bonnet available. Viton O-ring seal.

If in doubt consult us. We can advise suitable valves for all concentrations and temperatures.

Sealed bonnet advised. Viton O-ring seal.