

# Technical Data - Resistance to Chemicals

Page number	Conduit System		ASTM NO. 1	ASTM NO. 2	ASTM NO. 3	ACETIC ACID (10%)	ACETONE	ALUMINIUM CHLORIDE	BENZENE	CARBON TETRACHLORIDE	CHLOROFORM	CITRIC ACID	COPPER SULPHATE	GRESOL	DIESEL OIL	DIETHYLAMINE	ETHANOL	ETHER	ETHYLAMINE	ETHYLENE GLYCOL	FREON 32	HYDROCHLORIC ACID (10%)	HYDROCHLORIC ACID (30%)	HYDROGEN PEROXIDE (30%)	HYDROGEN PEROXIDE (60%)	LACTIC ACID	
68	<b>FU</b>	galvanised steel	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	
68	<b>SSU</b>	stainless steel, grade 316	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓	✓	
70	<b>FSU</b>	galvanised steel, pvc coated	✗	✗	✗	L	✗	✗	✗	✗	✓	✓	✓	L	L	✗	✗	✗	✗	L	L	✓	✗	✓	✓	L	
70	<b>LFHU</b>	galvanised steel, LFH coated	L	L	L	✓	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✓	
70	<b>FPU</b>	galvanised steel, polyurethane coated	✓	✓	✓	✗	L	L	L	L	✗	✓	✓	✗	✓	L	✓	L	✗	✓	✗	✗	✗	L	✗	L	
72	<b>LTP</b>	galv steel, pvc coated, liquid tight	L	L	L	✓	✗	✗	✗	L	✗	✓	✓	L	L	L	✗	L	L	L	L	L	✗	L	✗	L	
72	<b>LTPHC</b>	galv steel, thermoplastic rubber, liquid tight	✓	L	L	✓	✓	✗	✗	L	L	✓	✓	✓	✓	✓	✓	✓	✓	L	✓	✗	✓	✓	L	✗	L
72	<b>LTPLFH</b>	galv steel, LFH coated, liquid tight	✓	✓	✓	✓	✗	✗	✗	L	✗	✓	✓	L	L	L	✗	L	L	L	L	L	✗	L	✗	L	
73	<b>LTBRDP</b>	galv steel, braided core, pvc coated, liquid tight	✓	✓	✓	✓	✗	✗	✗	L	✗	✓	✓	L	L	L	✗	L	L	L	L	L	✗	L	✗	L	
73	<b>LTPPU</b>	galv steel, polyurethane coated, liquid tight	✓	✓	✓	✗	L	L	L	L	✗	✓	✓	✗	✓	L	✓	✗	✓	✗	✗	✗	✗	L	✗	✗	L
73	<b>LTBRDLFH</b>	galv steel, braided core, LFH coated, liquid tight	L	L	L	✓	✗	✗	✗	✗	✓	✓	✗	L	✓	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✓	
76	<b>FB</b>	galvanised steel, galv steel overbraid	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	
76	<b>FUSSB</b>	galvanised steel, SS316 overbraid	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	
78	<b>LFHUBRD</b>	galv steel, LFH coated, SS316 overbraid	L	L	L	✓	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✓	
80	<b>FSS</b>	stainless steel corrugated	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓	✓	
80	<b>FSSBRD</b>	stainless steel corrugated, overbraid	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓	✓	

## key

✓ good resistance  
L limited resistance

PP suitable with polypropylene fittings  
SS suitable with stainless steel fittings

✗ poor resistance



# Metallic conduit and fittings

Visit our website and use our conduit selector tool to see chemical resistance properties.

**NEW**



LUBRICATING OIL	METHANOL	METHYL BROMIDE	MEK	NITRIC ACID (10%)	NITRIC ACID (60%)	OXALIC ACID	OZONE (GAS)	PARAFFIN OIL	PETROL	PHENOL	SEA WATER	SILVER NITRATE	SKYDROL	SODIUM CHLORIDE	SODIUM HYDROXIDE (10%)	SODIUM HYDROXIDE (60%)	SULPHUR DIOXIDE (GAS)	SULPHURIC ACID (10%)	TOLUENE	TRANSFORMER OIL	1,1,1-TRICHLOROETHANE	TRICHLOROETHYLENE	TURPENTINE	VEGETABLE OIL	VINYL ACETATE	WATER	WHITE SPIRIT	ZINC CHLORIDE	
✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓	✗	✗	✓	✗	<b>FU</b>
✓	✓	✓	✓	✗	✗	✓	✓	✓	✓	✓	<b>SS</b>	✓	✓	<b>SS</b>	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>SSU</b>
L	✗	✗	✗	✓	✓	✗	L	L	✗	✗	✗	✓	✗	✗	✓	L	✗	✗	✗	L	✗	✗	L	L	✗	✓	L	✓	<b>FSU</b>
L	✗	✗	✗	✓	✗	✓	✓	✗	✗	✗	✗	✓	✗	✓	✓	✓	✗	✗	L	L	L	L	✗	L	✗	✓	✗	✓	<b>LFHU</b>
L	L	✗	L	✗	✗	L	L	L	✓	✗	✗	L	✗	✓	L	✗	L	L	✗	L	✗	✗	✗	✓	✗	✓	L	L	<b>FPU</b>
✓	✗	✗	L	L	✗	✓	L	✗	L	L	<b>SS</b>	✓	✗	<b>SS</b>	✓	✓	✗	<b>SS</b>	✗	L	✗	✗	L	✓	✗	✓	L	✗	<b>LTP</b>
L	✓	L	✓	✓	✓	✓	L	✓	✓	✓	<b>SS</b>	✓	✓	<b>SS</b>	✓	✗	✓	<b>SS</b>	✗	✗	L	✗	✗	✓	✓	✓	✗	✓	<b>LTPHC</b>
L	✗	✗	✗	L	✗	✓	L	L	L	L	<b>SS</b>	✓	✗	<b>SS</b>	✓	✓	✗	<b>SS</b>	✗	L	✗	✗	L	L	✗	✓	L	✗	<b>LTPLFH</b>
✓	✗	✗	L	L	✗	✓	L	✓	L	L	<b>SS</b>	✓	✗	<b>SS</b>	✓	✓	✗	<b>SS</b>	✗	L	✗	✗	L	✓	✗	✓	L	✗	<b>LTBRDP</b>
L	L	✗	L	✗	✗	L	L	L	✓	✗	<b>SS</b>	L	✗	✓	L	✗	L	L	✗	L	✗	✗	✗	✓	✗	✓	L	L	<b>LTPPU</b>
L	✗	✗	✗	✓	✗	✓	✓	✗	L	✗	<b>SS</b>	✓	✗	✓	✓	✓	✗	✗	L	L	L	L	✗	L	✗	✓	✗	✓	<b>LTBRDLFH</b>
✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓	✗	✗	✓	✗	<b>FB</b>
✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓	✗	✗	✓	✗	<b>FUSSB</b>
L	✗	✗	✗	✓	✗	✓	✓	✗	✗	✗	✗	✓	✗	✓	✓	✓	✗	✗	L	L	L	L	✗	L	✗	✓	✗	✓	<b>LFHUBRD</b>
✓	✓	✓	✓	✗	✗	✓	✓	✓	✓	✓	<b>SS</b>	✓	✓	<b>SS</b>	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>FSS</b>
✓	✓	✓	✓	✗	✗	✓	✓	✓	✓	✓	<b>SS</b>	✓	✓	<b>SS</b>	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>FSSBRD</b>

The chart above is based on exposure to single chemicals at room temperature and should be used as a selection guide. For additional chemicals, higher concentrations, elevated temperatures or combinations of chemicals, please call +44 (0)1675 466900 for technical advice.

