

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	CRESOL	DIESEL OIL	DIETHYLAMINE	ETHANOL	ETHER	ETHYLAMINE	ETHYLENE GLYCOL	FREON 32	HYDROCHLORIC ACID (10%)	HYDROCHLORIC ACID (30%)
44	FPAS	nylon LFH PA6 corrugated, std weight	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
44	FPAL	nylon PA6 corrugated, light weight	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
44	FPAH	nylon LFH PA6 corrugated, heavy weight	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
44	FPASC	nylon LFH PA6 corrugated, std weight	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
45	FPR	nylon extra LFH PA6 corrugated, std weight	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
45	FPADS	nylon PA6 double slit corrugated	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
45	FPI	nylon PA12 corrugated, standard weight	✓	✓	✓	L	✓	L	✓	✓	×	✓	L	×	✓	L	L	✓	L	✓	✓	×	×
45	FPIH	nylon PA12 corrugated, heavy weight	✓	✓	✓	L	✓	L	✓	✓	×	✓	L	×	✓	L	L	✓	L	✓	✓	×	×
45	FPIHR	nylon PA12 corrugated, heavy weight	✓	✓	✓	L	✓	L	✓	✓	×	✓	L	×	✓	L	L	✓	L	✓	✓	×	×
46	FPP	polypropylene corrugated, std weight	✓	✓	L	PP	✓	L	L	L	L	✓	L	×	✓	✓	✓	✓	✓	✓	✓	PP	PP
46	FPP-NFR	polypropylene corrugated non flame retarded	✓	✓	L	PP	✓	L	L	L	L	✓	L	×	✓	✓	✓	✓	✓	✓	✓	PP	PP
46	FPP-H	polypropylene corrugated heavy weight	✓	✓	L	PP	✓	L	L	L	L	✓	L	×	✓	✓	✓	✓	✓	✓	✓	PP	PP
70	FPL	upvc corrugated	✓	✓	✓	L	×	L	×	L	×	✓	L	×	✓	L	✓	✓	L	✓	L	×	×
72	FPY	nylon PA6 corrugated	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
72	FPYS	slit nylon PA6 corrugated, std weight	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
72	FPYL	nylon PA6 corrugated, light weight	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
72	FPYLS	slit nylon PA6 corrugated, light weight	✓	✓	✓	L	✓	×	✓	✓	×	✓	L	×	✓	✓	✓	✓	✓	✓	✓	×	×
78	FPCB	pvc spiral reinforced black	×	×	×	L	×	L	×	L	×	✓	L	×	L	L	×	L	L	L	L	×	×
78	FPCG	pvc spiral reinforced grey	×	×	×	L	×	L	×	L	×	✓	L	×	L	L	×	L	L	L	L	×	×
78	FPCGN	pvc spiral reinforced green oil resistant	✓	✓	✓	✓	×	×	×	L	×	✓	✓	L	✓	L	×	L	L	L	L	L	×
78	FPCBU	pvc spiral reinforced blue high temperature	×	×	×	L	×	L	×	L	×	✓	L	×	L	L	×	L	L	L	L	×	×
80	LPCB	smooth, pvc spiral reinforced	✓	✓	✓	✓	×	×	×	L	×	✓	✓	L	✓	L	×	L	L	L	L	L	×
80	LPCO	smooth pvc spiral orange ultra flexible	✓	✓	✓	✓	×	×	×	L	×	✓	✓	L	✓	L	×	L	L	L	L	L	×
80	LPCBU	smooth pvc spiral blue high temperature	✓	✓	✓	✓	×	×	×	L	×	✓	✓	L	✓	L	×	L	L	L	L	L	×
80	LPCGN	smooth pvc spiral green oil resistant	✓	✓	✓	✓	×	×	×	L	×	✓	✓	L	✓	L	×	L	L	L	L	L	×
84	LPC-FG	smooth, pvc spiral reinforced	✓	✓	✓	✓	×	×	×	L	×	✓	✓	L	✓	L	×	L	L	L	L	L	×

key

✓ good resistance
L limited resistance

PP suitable with polypropylene fittings
SS suitable with stainless steel fittings

×

poor resistance

Non-Metallic conduit and fittings

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

NEW



HYPHENATED	HYDROGEN PEROXIDE (30%)	HYDROGEN PEROXIDE (60%)	LACTIC ACID	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	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPAS	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPAL	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPAH	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPASC	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPR	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPADS	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	L	X	X	✓	✓	X	✓	✓	L	✓	✓	X	FPI	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	L	X	X	✓	✓	X	✓	✓	L	✓	✓	X	FPIH	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	L	X	X	✓	✓	X	✓	✓	L	✓	✓	X	FPIHR	
X	X	PP	✓	L	X	✓	PP	PP	PP	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	PP	PP	✓	✓	L	L	X	✓	L	✓	✓	X	FPP
X	X	PP	✓	L	X	✓	PP	PP	PP	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	PP	PP	✓	✓	L	L	X	✓	L	✓	✓	X	FPP-NFR
X	X	PP	✓	L	X	✓	PP	PP	PP	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	PP	PP	✓	✓	L	L	X	✓	L	✓	✓	X	FPP-H
X	X	L	✓	L	X	X	X	X	L	X	✓	✓	X	✓	✓	X	✓	✓	✓	✓	X	X	X	✓	X	X	✓	X	✓	✓	X	FPL	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPY	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPYS	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPYL	
X	X	L	✓	L	X	✓	X	X	L	X	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	L	✓	✓	L	✓	✓	X	FPYLS	
L	X	L	L	X	X	X	X	X	L	X	L	X	X	✓	✓	X	✓	✓	L	X	X	X	L	X	L	L	L	X	✓	L	X	FPCB	
L	X	L	L	X	X	X	X	X	L	X	L	X	X	✓	✓	X	✓	✓	L	X	X	X	L	X	L	L	L	X	✓	L	X	FPCG	
L	X	L	✓	X	X	X	L	X	✓	L	✓	✓	L	✓	✓	X	✓	✓	✓	X	X	X	L	X	L	L	✓	X	✓	L	X	FPCGN	
L	X	L	L	X	X	X	X	X	L	X	L	X	X	✓	✓	X	✓	✓	L	X	X	X	L	X	L	L	L	X	✓	L	X	FPCBU	
L	X	L	✓	X	X	X	L	X	✓	L	✓	✓	L	✓	✓	X	✓	✓	✓	X	SS	X	L	X	L	L	✓	X	✓	L	X	LPCB	
L	X	L	✓	X	X	X	L	X	✓	L	✓	✓	L	✓	✓	X	✓	✓	✓	X	SS	X	L	X	L	L	✓	X	✓	L	X	LPCO	
L	X	L	✓	X	X	X	L	X	✓	L	✓	✓	L	✓	✓	X	✓	✓	✓	X	SS	X	L	X	L	L	✓	X	✓	L	X	LPCBU	
L	X	L	✓	X	X	X	L	X	✓	L	✓	✓	L	✓	✓	X	✓	✓	✓	X	SS	X	L	X	L	L	✓	X	✓	L	X	LPCGN	
L	X	L	✓	X	X	X	L	X	✓	L	✓	✓	L	✓	✓	X	✓	✓	✓	X	SS	X	L	X	L	L	✓	X	✓	L	X	LPC-FG	

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.