

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%)	HYDROGEN PEROXIDE (30%)	HYDROGEN PEROXIDE (60%)	LACTIC ACID
30	FPAS	nylon LFH PA6 corrugated, std weight	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
30	FPAH	nylon LFH PA6 corrugated, heavy weight	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
30	FPASC	nylon LFH PA6 corrugated, std weight	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
30	FPR	nylon extra LFH PA6 corrugated, std weight	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
31	FPADS	nylon PA6 double slit corrugated	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
31	FPI	nylon PA12 corrugated, standard weight	✓	✓	✓	L	✓	L	✓	✓	✗	✓	L	✗	✓	L	L	✓	L	✓	✓	✗	✗	✗	✗	L
31	FPIH	nylon PA12 corrugated, heavy weight	✓	✓	✓	L	✓	L	✓	✓	✗	✓	L	✗	✓	L	L	✓	L	✓	✓	✗	✗	✗	✗	L
31	FPIHR	nylon PA12 corrugated, heavy weight	✓	✓	✓	L	✓	L	✓	✓	✗	✓	L	✗	✓	L	L	✓	L	✓	✓	✗	✗	✗	✗	L
52	FPRSS	PA6 corrugated, SS316 overbraid	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
52	FPRTC	PA6 corrugated, tinned copper overbraid	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
52	FPISS	PA12 corrugated, SS316 overbraid	✓	✓	✓	L	✓	L	✓	✓	✗	✓	L	✗	✓	L	L	✓	L	✓	✓	✗	✗	✗	✗	L
52	FPIHSS	PA12 corrugated, SS316 overbraid	✓	✓	✓	L	✓	L	✓	✓	✗	✓	L	✗	✓	L	L	✓	L	✓	✓	✗	✗	✗	✗	L
52	FPIHRSS	PA12 corrugated, SS316 overbraid	✓	✓	✓	L	✓	L	✓	✓	✗	✓	L	✗	✓	L	L	✓	L	✓	✓	✗	✗	✗	✗	L
56	NRFPAS	nylon LFH PA6 corrugated, std weight	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
56	NRFPAH	nylon LFH PA6 corrugated, heavy weight	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
56	NRFPFR	nylon extra LFH PA6 corrugated, std weight	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
57	NRFPIH	nylon PA12 corrugated, heavy weight	✓	✓	✓	L	✓	L	✓	✓	✗	✓	L	✗	✓	L	L	✓	L	✓	✓	✗	✗	✗	✗	L
57	NRFPIHR	nylon PA12 corrugated, heavy weight	✓	✓	✓	L	✓	L	✓	✓	✗	✓	L	✗	✓	L	L	✓	L	✓	✓	✗	✗	✗	✗	L
57	NRFPADS	nylon PA6 double slit corrugated	✓	✓	✓	L	✓	✗	✓	✓	✗	✓	L	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	L
key		✓ good resistance L limited resistance							PP SS	suitable with polypropylene fittings 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



LUBRICATING OIL	METHANOL	METHYL BROMIDE	MEK	NITRIC ACID (10%)	NITRIC ACID (60%)	OXALIC ACID	OZONE (GAS)	PARAFFIN OIL	PETROL	PHENOL	SEA WATER	SILVER NITRATE	SKODOL	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	
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	FPAS
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	FPAH
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	FPASC
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	FPR
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	FPADS
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	L	×	×	✓	✓	✓	×	✓	✓	L	✓	✓	×	FPI
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	L	×	×	✓	✓	✓	×	✓	✓	L	✓	✓	×	FPIH
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	L	×	×	✓	✓	✓	×	✓	✓	L	✓	✓	×	FPIHR
✓	L	×	✓	×	×	L	×	✓	✓	×	L	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	FPRSS
✓	L	×	✓	×	×	×	×	✓	✓	×	×	×	×	×	×	×	×	×	✓	✓	×	L	✓	×	L	✓	✓	×	FPRTC
✓	L	×	✓	×	×	L	×	✓	✓	×	L	✓	✓	✓	✓	L	×	×	✓	✓	✓	×	✓	✓	L	✓	✓	×	FPISS
✓	L	×	✓	×	×	L	×	✓	✓	×	L	✓	✓	✓	✓	L	×	×	✓	✓	✓	×	✓	✓	L	✓	✓	×	FPIHSS
✓	L	×	✓	×	×	L	×	✓	✓	×	L	✓	✓	✓	✓	L	×	×	✓	✓	✓	×	✓	✓	L	✓	✓	×	FPIHRSS
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	NRFPAS
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	NRFPAH
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	NRFPR
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	L	×	×	✓	✓	✓	×	✓	✓	L	✓	✓	×	NRFPIH
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	L	×	×	✓	✓	✓	×	✓	✓	L	✓	✓	×	NRFPIHR
✓	L	×	✓	×	×	L	×	✓	✓	×	✓	✓	✓	✓	✓	✓	×	×	✓	✓	✓	L	✓	✓	L	✓	✓	×	NRFPADS

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.