

We have a range of products that can offer properties dependent on your requirement for impact resistance, flexibility, fatigue life, operating temperature and fire performance to name but a few.

EN 45545-2 NFPA 130 OTHER LOW FIRE HAZARD FPR						OTHER LOW FIRE HAZARD FPI						OTHER LOW FIRE HAZARD FPIH						EN 45545-2 NEW OTHER LOW FIRE HAZARD FPIHRL						OTHER LOW FIRE HAZARD FPP								
Construction: Standard weight nylon (highly flame retardant PA6) corrugated flexible conduit. Colour: Black. Typical Applications: Railways, underground and public buildings. - Highly flexible and high fatigue life - High impact strength and recovers if crushed - Temperature range -40°C to +120°C (-20°C to +100°C for moving applications) - UL recognised - Lloyd's Register Type Approval - Extra Low Fire Hazard (LFH) - Compliant to LUL Std S1085 - UL 94 V0 flame retardancy - Halogen, sulphur and phosphorus free - UV resistant - Abrasion resistant - Highly resistant to solvents and oils - EN 45545 HL3 Interior R22 and exterior R23						Construction: Standard weight nylon (PA12) corrugated flexible conduit. Colour: Black. Typical Applications: Robots and continual flexing. - Highly flexible - Exceptional fatigue life - High impact resistance even at very low temperatures - UV resistant - Displays self recovery if crushed - Temperature range -50°C to +110°C - UL recognised - Highly resistant to solvents and oils - Self extinguishing - Halogen, sulphur and phosphorus free						Construction: Heavy weight nylon (PA12) corrugated flexible conduit. Colour: Black. Typical Applications: Robots and continual flexing where higher mechanical strength required. - Highly flexible and high fatigue life - High mechanical strength - High impact resistance even at very low temperatures - UV resistant - Displays self recovery if crushed - Temperature range -50°C to +110°C - UL recognised - Highly resistant to solvents and oils - Self extinguishing - Halogen, sulphur and phosphorus free						Construction: Heavy weight nylon (PA12) corrugated flexible conduit. Colour: Black. Typical Applications: Where dynamic continual movement or flexing is required, with a higher mechanical strength even at very low temperatures such as on Bogies or Inter-car Jumper assemblies. Rolling Stock applications requiring a superior level of fire performance. - Highly flexible and high fatigue life - High mechanical strength - High impact resistance even at very low temperatures - UV resistant - Displays self recovery if crushed - Temperature range -50°C to +110°C - Highly resistant to solvents and oils - Self extinguishing - Extra Low Fire Hazard (LFH) - Halogen, sulphur and phosphorus free - EN 45545 HL3 Exterior R23						Construction: Standard weight polypropylene, flexible conduit. Colour: Black, Grey (RAL 7031) or White (see page 71) Typical Applications: Buildings, particularly where buried in concrete or plaster. - Acid resistant - Temperature range -20°C to +90°C - Self extinguishing - Slit version also available FPP-S Other options available Also available as Divisible - see FPPDS								
FPR	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	FPI	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	FPIH	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	FPIHRL	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	FPP	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	pitch	nominal size (mm)	European (NW) sizes
FPR10	50	10.0	6.3	15																				FPP10	50	10.0	6.3	15	F	10	7	
																											F	11	8			
FPR13	50	13.0	9.8	25		FPI13	50	13.0	9.8	25		FPIH13	50	13.0	9.0	25		FPIHRL13	50	13.0	9.0	25		FPP13	50	13.0	9.8	25	F	13	10	
FPR16	50	15.8	11.8	35		FPI16	50	15.8	11.8	30		FPIH16	50	15.8	11.5	35		FPIHRL16	50	15.8	11.5	35		FPP16	50	15.8	11.8	35	F	16	12	
																											F	18	14			
FPR20	50	20.0	14.8	45																							F	20				
FPR21	50	21.2	16.7	45		FPI21	50	21.2	16.7	35		FPIH21	50	21.2	15.0	45		FPIHRL21	50	21.2	15.0	45		FPP20	50	20.0	14.8	40	C	21		
																											F	21	17			
FPR25	50	25.0	19.1	50																							C	21				
																											C	25				
FPR28	50	28.5	21.7	50		FPI28	50	28.5	21.7	45		FPIH28	50	28.5	21.3	50		FPIHRL28	50	28.5	21.3	50		FPP21	50	21.2	16.7	40	F	28	23	
FPR34	50	34.5	28.1	60		FPI34	25	34.5	28.1	55		FPIH34	25	34.5	27.6	60		FPIHRL34	25	34.5	27.6	60		FPP25	50	25.0	19.1	50	C	28	23	
FPR42	25	42.5	35.5	70		FPI42	25	42.5	35.5	60		FPIH42	25	42.5	34.6	70		FPIHRL42	25	42.5	34.6	70		FPP28	50	28.5	22.8	55	F	34	29	
FPR54	25	54.5	47.2	80		FPI54	25	54.5	47.2	70		FPIH54	25	54.5	46.0	80		FPIHRL54	25	54.5	46.0	80		FPP34	25, 50	34.5	28.1	65	C	42	36	
FPR67	10	67.2	56.3	130		FPI67	10	67.2	56.3	120		FPIH67	10	67.2	56.0	130		FPIHRL67	10	67.2	56.0	130		FPP42	25	42.5	35.5	80	C	54	48	
LDFPR80	10	80.0	67.0	160								LDFPIH80	10	80.0	66.5	170		LDFPIHRL80	10	80.0	66.5	170		FPP54	25	54.5	47.2	100	C	67	56	
LDFPR106*	10	106.0	91.5	210								LDFPIH106*	10	106.0	91.0	250		LDFPIHRL106*	10	106.0	91.0	250		FPP67	10	67.2	56.3	150	C	70	80	
																											C	95	106			

For larger diameter conduit see page 70

Standards



* Note: Refer to conduit properties for applicable standards

