

non-metallic conduit

nylon



type FPAS

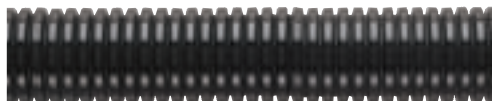
IP66 IP67 IP68

Construction: Standard weight, flame retardant nylon (PA6) corrugated flexible conduit. Colour black or grey.

Typical Applications: All types of machinery, public buildings.

Conduit

- Highly flexible and high fatigue life
- High impact strength and recovers if crushed
- IP rating: IP66 with FPA fittings
IP66 + IP67 + IP68
with FPAX fittings
- Temperature range -40°C to +120°C
(-20°C to +100°C for moving applications)
- Lloyd's Register Type Approval
- Low Fire Hazard (LFH), see page 35
- UL 94 V2
- Halogen, sulphur and phosphorus free
- UV resistant (black)
- Abrasion resistant
- Highly resistant to solvents and oils



type FPAL

IP66 IP67 IP68

Construction: Light weight nylon (PA6) corrugated flexible conduit. Colour black or grey.

Typical Applications: Machines where lower mechanical protection is required and buildings where there is no fire risk.

Conduit

- Highly flexible and high fatigue life
- High impact strength and recovers if crushed
- IP rating: IP66 with FPA fittings
IP66 + IP67 + IP68
with FPAX fittings
- Temperature range -40°C to +120°C
(-20°C to +100°C for moving applications)
- Highly resistant to solvents and oils
- Self extinguishing
- Halogen, sulphur and phosphorus free



type FPR

IP66 IP67 IP68

Construction: Standard weight nylon (highly flame retardant PA6) corrugated flexible conduit. Colour black.

Typical Applications: Railways, underground and public buildings.

Conduit

- Highly flexible and high fatigue life
- High impact strength and recovers if crushed
- IP rating: IP66 with FPA fittings
IP66 + IP67 + IP68
with FPAX fittings
- Temperature range -40°C to +120°C
(-20°C to +100°C for moving applications)
- Lloyd's Register Type Approval
- Extra Low Fire Hazard (LFH), see page 35
- UL 94 V0
- Halogen, sulphur and phosphorus free
- UV resistant (black)
- Abrasion resistant
- Highly resistant to solvents and oils



nominal size (mm)	pitch	FPAS part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	FPAL part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	FPR part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)
10	F	FPAS10	50	10.0	6.3	15	FPAL10	50	10.0	6.5	15	FPR13	50	13.0	9.8	25
13	F	FPAS13	50	13.0	9.8	25	FPAL13	50	13.0	10.0	25	FPR16	50	15.8	11.8	35
16	F	FPAS16	25, 50	15.8	11.8	40	FPAL16	50	15.8	12.0	35	FPR21	50	21.2	16.7	45
21	F	FPAS21	25, 50	21.2	16.7	45	FPAL21	50	21.2	16.9	40					
21	C															
28	F	FPAS28	25, 50	28.5	22.8	50	FPAL28	50	28.5	23.0	45	FPR28	50	28.5	21.7	50
28	C															
34	C	FPAS34	25, 50	34.5	28.1	60	FPAL34	25, 50	34.5	28.3	55	FPR34	50	34.5	28.1	60
42	C	FPAS42	10, 25	42.5	35.5	70	FPAL42	25	42.5	35.7	65	FPR42	25	42.5	35.5	70
54	C	FPAS54	10, 25	54.5	47.2	80	FPAL54	25	54.5	47.4	80	FPR54	25	54.5	47.2	80

F = fine pitch C = coarse pitch

important note

- For LFH performance see page 35.

