


Non-metallic Conduit


FPAS 

Construction: Standard weight, flame retardant nylon (PA6) corrugated flexible conduit.

Color: Black (RAL 7031). Orange available on request.*

Typical Applications: All types of machinery, 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)
- Lloyd's Register Type Approval
- UL recognized
- Low Fire Hazard (LFH), see page 149
- UL 94 V2 flame retardancy
- Halogen, sulphur and phosphorus free
- UV resistant (black)
- Abrasion resistant
- Highly resistant to solvents and oils
- Slit version also available FPAS-S please contact us


FPASC 

Construction: Standard weight, flame retardant nylon (PA6) corrugated flexible conduit.

Color: Black (RAL 7031).

Typical Applications: All types of machinery, public buildings where UL listed is a requirement.

- 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 listed
- Lloyd's Register Type Approval
- Low Fire Hazard (LFH), see page 149
- UL 94 V2 flame retardancy
- Halogen, sulphur and phosphorus free
- UV resistant (black)
- Abrasion resistant
- Highly resistant to solvents and oils

FPI 

Construction: Standard weight nylon (PA12) corrugated flexible conduit.

Color: 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 recognized
- Highly resistant to solvents and oils
- Self extinguishing
- Halogen, sulphur and phosphorus free

European (NW) sizes	nominal size (mm)	pitch	FPAS	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)
7	10	F	FPAS10		50	10.0	6.3	15
10	13	F	FPAS13		25, 50	13.0	9.8	25
12	16	F	FPAS16		25, 50	15.8	11.8	35
17	21	F						
	21	C						
23	28	C						
29	34	C						
36	42	C						
48	54	C						
56	67	C						

FPASC	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)
FPAS21C		50	21.2	16.0	45
FPAS28C		50	28.5	21.7	50
FPAS34C		50	34.5	28.1	60
FPAS42C		25	42.5	35.5	70
FPAS54C		25	54.5	47.2	80
FPAS67C		10	67.2	56.3	130

FPI	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)
FP113		50	13.0	9.8	25
FP116		50	15.8	11.8	30
FP121		50	21.2	16.7	35
FP128		50	28.5	21.7	45
FP134		25	34.5	28.1	55
FP142		25	42.5	35.5	60
FP154		25	54.5	47.2	70
FP167		10	67.2	56.3	120

For larger diameter conduit see page 44

Ordering Notes

- Specify Black (B = Black) and reel length eg: FPAS21B-50M for a Black 50m reel
- Some reel lengths are MTO in gray
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- Available on request:**
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - other colors
 - full copies of independent test results confirming LFH properties
- conduit with pre-installed draw wire
- fine pitch 34mm sizes
- Contractor Packs available see page 59
- For LFH performance see page 71