



Flexicon Nylon Corrugated Conduit/Tubing

Extremely Flexible Polyamide 12 Nylon, Standard Weight

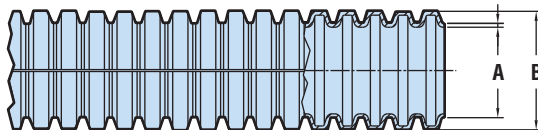


NOMINAL SIZE	PITCH	PART NO.	DESCRIPTION	PART DIMENSIONS							
				Inside Bend Radius		A Inside Diameter		B Outside Diameter		Roll Length	
				in.	mm.	in.	mm.	in.	mm.	Ft.	M.
13 mm	F	F8422	* FPI 13/BL	.984	25,0	.386	9,8	.512	13,0	164	50m
16 mm	F	F8424	FPI 16/BL	1.181	30,0	.465	11,8	.622	15,8	164	50m
21 mm	F	F8426	FPI 21/BL	1.378	35,0	.657	16,7	.835	21,2	164	50m
28 mm	C	F8432	FPI 28/BL	1.772	45,0	.854	21,7	1.122	28,5	164	50m
34 mm	C	F8434	FPI 34/BL	2.165	55,0	1.106	28,1	1.358	34,5	82	25m
42 mm	C	F8436	FPI 42/BL	2.362	60,0	1.398	35,5	1.673	42,5	82	25m
54 mm	C	F8438	FPI 54/BL	2.756	70,0	1.858	47,2	2.146	54,5	82	25m

Standard color black.

*UL certification pending.

PITCH: Indicates frequency and separation of corrugations. F=Fine or closely spaced and C=Coarse or less closely spaced, fittings work equally well with either fine or coarse pitch conduit.



Type FPI

- 13 mm thru 54 mm nominal sizes.
- Medium wall construction.
- Use with nylon Flexicon fittings; Straight, 45° or 90°. See pages 1-17 through 1-23.
- Highly resistant to abrasion, oil, and solvents.
- Temperature range: -50°C to 110°C (-58°F to 230°F)
- Highly flexible and exceptional fatigue life.
- High impact strength and recovers if crushed.
- UV resistant (black).
- Particularly suited to Robotics, Automation, and/or continuous flexing.
- Halogen and phosphorus free.
- See Page 1-24 for mounting clips.
- See Pages 1-25, 1-26 and 1-27 for technical specifications.
- Consult factory for heavy weight nylon 12 corrugated conduit.
- Consult factory for Type FPR Extra Low Fire Hazard (VO) Nylon 6 corrugated conduit.
- Consult factory for gray or other colors as well as nonstandard lengths.

Material	Polyamide 12 Nylon (PA12)
Certifications	Recognized under Underwriters' Laboratories File E229161 Approved as per EN50086
Flammability Rating	94 HB and Low Smoke, Low Toxicity as well as Halogen and Phosphorus Free
IP Rating	IP 66 with FPA Fittings Per EN60529/IP 66, 67&68 with FPAX Fittings
Compression Strength	45 kg/100 mm (99 lbs./4 in.) for 21 mm nominal size
Tensile Strength	30 kg (66 lbs.) for 21 mm nominal size

Quick Specs