



Heyco® Nylon Corrugated Conduit/Tubing - FPI

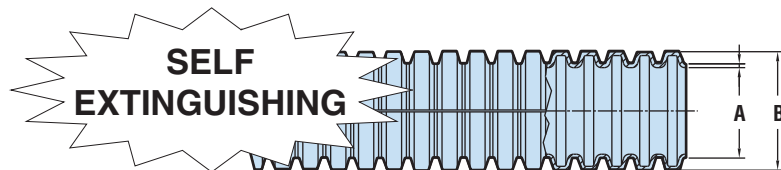
Extremely Flexible Polyamide 12 Nylon, Standard Weight

NOMINAL SIZE	PITCH	PART NO. Black	DESCRIPTION	PART DIMENSIONS								Roll Length	
				Inside Bend Radius		A Inside Diameter		B Outside Diameter					
				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	50		
16 mm	F	F8424	FPI 16/BL	1.181	30,0	.465	11,8	.622	15,8	164	50		
21 mm	F	F8426	FPI 21/BL	1.378	35,0	.657	16,7	.835	21,2	164	50		
28 mm	C	F8432	FPI 28/BL	1.772	45,0	.854	21,7	1.122	28,5	164	50		
34 mm	C	F8434	FPI 34/BL	2.165	55,0	1.106	28,1	1.358	34,5	82	25		
42 mm	C	F8436	FPI 42/BL	2.362	60,0	1.398	35,5	1.673	42,5				

Standard color black.

*Not UL recognized.

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.



Material	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
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



Type FPI

- Halogen and phosphorus free.
- Highly flexible and exceptional fatigue life.
- High impact strength and recovers if crushed.
- Use with Heyco Nylon Fittings; Flexlok, Straight, 45°, or 90°. See pages 2-22 through 2-27.
- UV resistant (black).
- Particularly suited to Robotics, Automation, and/or continuous flexing.
- Highly resistant to abrasion, oil, and solvents.
- Medium wall construction.
- Temperature range: -50°C to 110°C (-58°F to 230°F)
- See Page 2-21 for mounting clips.
- See Pages 2-28 and 2-29 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.
- **Voltage Rating: 300V.**

Heyco® Polypropylene Corrugated Conduit/Tubing - FPP

Flexible Polypropylene

NOMINAL SIZE	PITCH	PART NO. Black	DESCRIPTION	PART DIMENSIONS								Roll Length	
				Inside Bend Radius		A Inside Diameter		B Outside Diameter					
				in.	mm.	in.	mm.	in.	mm.	Ft.	M.		
10 mm	F	F8473	FPP 10/BL	.590	15,0	.248	6,3	.394	10,0	328	100		
67 mm	C	F8470	FPP 67/BL	5.906	150,0	2.217	56,3	2.646	67,2	33	10		

Standard color black; for additional sizes, please consult Heyco.

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 FPP

- Particularly suited for applications where buried in concrete or plaster.
- Acid resistant and self extinguishing.
- **For Quick Specs consult Heyco.**