



Heyco® Nylon Corrugated Conduit/Tubing - FPAS

Highly Flexible Polyamide 6 Nylon, Standard Weight

Type FPAS

- Low fire hazard.
- Low smoke and toxicity.
- Halogen, sulphur, and phosphorus free.
- Highly flexible and high fatigue life.
- High impact strength and recovers if crushed.
- Lightweight and low installed cost.
- Use with Heyco Nylon Fittings; Flexlok, Straight, 45°, or 90°. See pages 2-22 through 2-27.
- UV resistant (black).
- For use with all types of equipment, machinery, pumps, motors, and HVAC equipment.
- 10 mm thru 67 mm nominal sizes.
- Highly resistant to abrasion, oil, and solvents.
- Temperature range:
-40°C to 120°C static (-40°F to 248°F)
-20°C to 100°C moving (-4°F to 212°F)
- **Voltage Rating: 600V for F8474 and F8416. All others 300V.**
- See Page 2-21 for mounting clips.
- See Pages 2-28 and 2-29 for technical specifications.
- Consult factory for light and/or heavy weight nylon 6 corrugated conduit.
- Consult factory for Type FPR
Extra Low Fire Hazard (V0) Nylon 6 corrugated conduit.
- Consult factory for gray or other colors as well as nonstandard lengths.

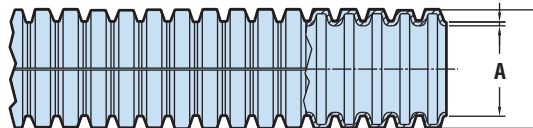
NOMINAL SIZE	PITCH	PART NO. Black	DESCRIPTION	PART DIMENSIONS							
				Inside Bend Radius		A Inside Diameter		B Outside Diameter		Roll Length	
				in.	mm.	in.	mm.	in.	mm.	Ft.	M.
10 mm	F	F8400	FPAS 10/BL*	.591	15,0	.248	6,3	.394	10,0	164	50
13 mm	F	F8402	FPAS 13/BL*	.984	25,0	.386	9,8	.512	13,0	164	50
16 mm	F	F8404	FPAS 16/BL	1.575	40,0	.465	11,8	.622	15,8	164	50
21 mm	F	F8406	FPAS 21/BL	1.722	45,0	.657	16,7	.835	21,2	164	50
28 mm	F	F8410	FPAS 28/BL	1.969	50,0	.898	22,8	1.122	28,5	164	50
34 mm	C	F8414	FPAS 34/BL	2.362	60,0	1.106	28,1	1.358	34,5	164	50
		F8474	FPAS 34/BL**	2.362	60,0	1.106	28,1	1.358	34,5	328	100
42 mm	C	F8416	FPAS 42/BL	2.756	70,0	1.398	35,5	1.673	42,5	82	25
67 mm	C	F8420	FPAS 67/BL	5.118	130,0	2.216	56,3	2.646	67,2	33	10

Standard color black.

*Not UL recognized.

**Extra long 328 ft. (100 meter) coil.

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.



Quick Specs

Material
Certifications

Nylon 6 (PA6)

Recognized under Underwriters' Laboratories File E229161

Approved as per EN50086

Flammability Rating

94V-2 and Halogen Free

IP Rating

IP 66 with FPA Fittings Per EN60529

Compression Strength

75 kg/100 mm (165 lbs./4 in.) for 21 mm nominal size

Tensile Strength

40 kg (88 lbs.) for 21 mm nominal size