



# Flexicon Corrugated Conduit/Tubing

## Highly Flexible Polyamide 6 "Nylon", Standard Weight



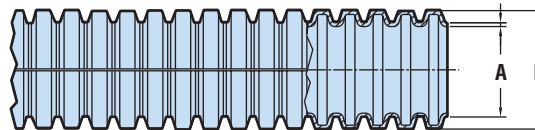
### Type FPAS

- 10 mm thru 67 mm nominal sizes.
- Use with nylon Flexicon fittings; Straight, 90° or 45°. See pages 0-3, 0-4, 0-5, 0-6, 0-7, 0-8, and 0-9.
- 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)
- Highly flexible and high fatigue life.
- High impact strength and recovers if crushed.
- Lightweight and low installed cost.
- UV resistant (black).
- For use with all types of equipment, machinery, pumps, motors, and HVAC Equipment.
- IP RATING:  
IP 66 w/FPA Fittings  
IP 68 w/FPAX Fittings  
IP Rating Tested To EN60529
- Halogen, sulphur, and phosphorus free.
- Highly flame retardant.
- Low fire hazard.
- Low smoke and toxicity.
- See Page 0-10 for mounting clips.
- See Pages 0-11, 0-12, and 0-13 for technical specifications.
- **Consult factory for light and/or heavy weight nylon 6 corrugated conduit.**
- **Consult factory for Type FPR Extra Low Fire Hazard (VO) Nylon 6 corrugated conduit.**
- **Consult factory for availability of gray or other colors as well as nonstandard lengths.**

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.
10 mm	F	F8400	FPAS 10/BL*	.591	15,0	.248	6,3	.394	10,0	164'	50m
13 mm	F	F8402	FPAS 13/BL*	.984	25,0	.386	9,8	.512	13,0	164'	50m
16 mm	F	F8404	FPAS 16/BL	1.575	40,0	.465	11,8	.622	15,8	164'	50m
21 mm	F	F8406	FPAS 21/BL	1.722	45,0	.657	16,7	.835	21,2	164'	50m
28 mm	F	F8410	FPAS 28/BL	1.969	50,0	.898	22,8	1.122	28,5	164'	25m
34 mm	C	F8414	FPAS 34/BL	2.362	60,0	1.106	28,1	1.358	34,5	164'	25m
42 mm	C	F8416	FPAS 42/BL	2.756	70,0	1.398	35,5	1.673	42,5	82'	25m
54 mm	C	F8418	FPAS 54/BL	3.150	80,0	1.858	47,2	2.146	54,5	82'	25m
67 mm	C	F8420	FPAS 67/BL	5.118	130,0	2.216	56,3	2.646	67,2	33'	10m

Standard Color: Black. For gray add 1 to the part number, for Black Ex: F8422 becomes F8423.  
\*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.



Quick Specs

Material	Polyamide 6 "Nylon"-(PA6)
Certifications	Recognized under Underwriters' Laboratories File #E-229161 Approved as per EN50086
Flammability Rating	94 V2 and Halogen Free
IP Rating	IP 66 with FPA Fittings Per EN60529/IP 66, 67&68 with FPAX Fittings
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