



Flexicon Nylon 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, 45° or 90°. See pages 1-17 through 1-23.
- 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.
- Halogen, sulphur, and phosphorus free.
- Highly flame retardant.
- Low fire hazard.
- Low smoke and toxicity.
- See Page 1-24 for mounting clips.
- See Pages 1-25, 1-26, and 1-27 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.

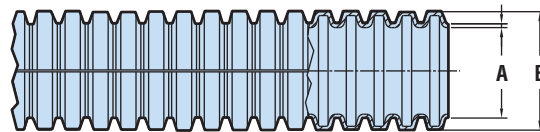
| NOMINAL SIZE | PITCH | PART NO. | DESCRIPTION | PART DIMENSIONS | | | | | | | |
|--------------|-------|----------|-------------|--------------------|-------|----------------------|------|-----------------------|------|-------------|-----|
| | | | | Inside Bend Radius | | A Inside Diameter | | B Outside 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 | 50m |
| 34 mm | C | F8414 | FPAS 34/BL | 2.362 | 60,0 | 1.106 | 28,1 | 1.358 | 34,5 | 164 | 50m |
| 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.

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.

*Not approved.



Quick Specs

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|----------------------|---|
| Material | Polyamide 6 Nylon (PA6) |
| Certifications | 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/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 |