

“Stay Connected” with



Solar Power Components

a PennEngineering® Company



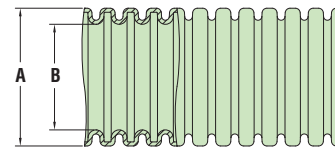
Heyco-Flex™ III Nylon 94V-0 Corrugated Liquid Tight Tubing

Flexible, Nonmetallic Liquid Tight Electrical Tubing

- Corrugated tubing for trade sizes 3/8" through 1".
- Flame retardant, won't burn.
- Nontoxic and UV resistant.
- **Rated for NEMA 4 and 4X applications when used with Heyco-Flex III Liquid Tight Fittings.**
- Rated for NEMA Type 3R applications.
- Maximum flexibility, can be used in extremely tight quarters. Bend radius of Heyco-Flex III is equal to its outside diameter.
- No threading of the tubing required to install. This eliminates the possibility of cutting the tubing and creating leak paths.
- Easy, permanent assembly between the tubing and fittings: push the tubing over the fitting ferrule until the tubing clicks into place.
- Lightweight and lower installed cost.
- Quick and easy installation.
- For use with Heyco-Flex III Fittings, See page 3-2.
- Resists corrosion, oil, and water.
- For use in both wet and dry applications.
- Suitable for use in high vibration or flexing applications (automotive equipment, fiber optics, computer and peripherals, lab equipment, robotics, etc.).
- **Voltage Rating: 300V.**
- **Mounting brackets are available, see page 3-19.**
- **Order Part No. 8340**, HF-28 Cutting Tool, for cutting Heyco-Flex Tubing cleanly and evenly. See page 3-8.
- For additional nylon conduit sizes, see page 3-3.

| TRADE SIZE | PART NO. Black | DESCRIPTION | PART DIMENSIONS | | | | STANDARD COIL LENGTH* |
|------------|-------------------|-------------|-----------------------|------|----------------------|------|-----------------------|
| | | | A Outside Diameter | | B Inside Diameter | | |
| | | | in. | mm. | in. | mm. | ft/coil |
| 3/8 | 8478 | HF3 3/8 FR | .71 | 18,0 | .51 | 13,1 | 100 |
| 1/2 | 8479 | HF3 1/2 FR | .85 | 21,6 | .65 | 16,5 | |
| 3/4 | 8480 | HF3 3/4 FR | 1.12 | 28,3 | .87 | 22,0 | |
| 1 | 8481 | HF3 1 FR | 1.35 | 34,3 | 1.10 | 28,0 | |

Standard color black. Consult Heyco for gray and other colors.
*Consult Heyco for “cut to length” and slit tubing availability.



| | |
|---------------------|---|
| Material | Halogen Free Nylon 6 |
| Certifications | Certified to both Canadian and U.S. Requirements under File E121095 |
| Flammability Rating | 94V-0 |
| Temperature Range | -4°F (-18°C) to 221°F (105°C) |



Heyco® Female Threaded Couplings

For Heyco HF3C and other NPT Hub Components

- Both ends feature female NPT threads for joining various male NPT hub parts.
- Facilitate the connection between Heyco-Flex III Fittings (HF3C – page 3-2), Conduit (HF3 – above), and the various Heyco Liquid Tight Cordgrips (Section 3 in Heyco Catalog 117) typically used in solar installations.

| TRADE SIZE | PART NO. Gray | DESCRIPTION |
|------------|------------------|-------------|
| 1/2 | 8665 | FTC 1/2 |
| 3/4 | 8666 | FTC 3/4 |
| 1 | 8667 | FTC 1 |
| 1-1/4 | 8668 | FTC 1-1/4 |
| 1-1/2 | 8669 | FTC 1-1/2 |
| 2 | 8670 | FTC 2 |

Quick Specs

| | |
|----------|-----------------|
| Material | Schedule 80 PVC |
|----------|-----------------|