

“Stay Connected” with



Liquid Tight Conduit, Tubing & Fittings

a PennEngineering® Company



Heyco-Flex™ I Liquid Tight Conduit

Flexible, Nonmetallic Liquid Tight Electrical Conduit

- Smooth inside for easier wire pulling; no hazardous sharp edges or burrs; will not damage conductors.
- Lightweight and lower installed cost.
- Integral rigid and flexible PVC construction.
- Use with nylon Heyco-Flex Connectors; Straight, Snap-in, or Sweep. See pages 2-9 to 2-11.
- Also use with NPT Quick Twist Fittings. See pages 2-13 and 2-14.
- May also be used with Heyco's Metallic Fittings for Liquid Tight Conduit. See page 2-12.
- Resists corrosion, abrasion, oil, water, acid, metal shavings, and rough environments.
- Resists abuse, pull, and crushing.
- Approved for direct burial.
- Sunlight resistant.
- Suitable for indoor/outdoor use:
 - HVAC Equipment
 - Machine Tools
 - Marine Equipment
 - Motors and Controls
 - Printing Equipment
 - Pumps
 - Refrigeration Equipment
- Temperature ratings:
 - 80°C (176°F) DRY
 - 70°C (158°F) OIL Resistance
 - 60°C (140°F) WET locations
- Passes submersion test of 70 psi.
- **Voltage rating: 600V.**
- **Mounting brackets are available, see page 2-19.**
- **Order Part No. 8340**, HF-28 Cutting Tool, for cutting Heyco-Flex conduit and tubing cleanly and evenly. See page 2-8.

TRADE SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS				STANDARD COIL LENGTH*
	Gray	Black		A		B		
				Outside Diameter	mm.	Inside Diameter	mm.	
3/8	8430	8430B	HF1 3/8	.70	17,8	.49	12,5	100
1/2	8431	8328	HF1 1/2	.83	21,1	.63	16,1	
3/4	8432	8432B	HF1 3/4	1.04	26,4	.83	21,1	
1	8433	8433B	HF1 1	1.30	33,1	1.05	26,8	
1-1/4	8434	8434B	HF1 1-1/4	1.65	41,8	1.40	35,4	
1-1/2	8435	8435B	HF1 1-1/2	1.88	47,8	1.59	40,3	50
2	8436	8436B	HF1 2	2.36	59,9	2.03	51,6	

Standard color gray. Consult Heyco for black and other colors.

*Consult Heyco for Cut to Length Availability.



Material	PVC
Certifications	<ul style="list-style-type: none"> UL Listed under Underwriters' Laboratories File E121096 CSA Certified by Canadian Standards Association File 233010
Flammability Rating	VW1
Temperature Range	-4°F (-18°C) to 167°F (75°C)

Heyco-Flex™ I Female Conduit Adapters

For Heyco Liquid Tight Cordgrips and other NPT Hub Components

TRADE SIZE	PART NO. Gray	DESCRIPTION
1/2	8658	FCA 1/2
3/4	8659	FCA 3/4
1	8660	FCA 1
1-1/4	8661	FCA 1-1/4
1-1/2	8662	FCA 1-1/2
2	8663	FCA 2

- Cement onto HF1 Conduit and **convert the rough cut end into an NPT threaded hub.**
- Allow for the installation of Heyco Liquid Tight Cordgrips (Section 3) as well as other NPT hub parts, onto the end of Heyco-Flex I Conduit.
- **Solar App:** The solar installer can run PV conductors through a **Heyco Solar Masthead/Heyco Flex I assembly**, using a Female Conduit Adapter, from the roof to the field level inverter.



Quick Specs

Material Schedule 80 PVC