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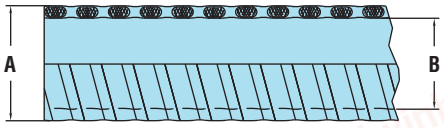
Heyco-Flex™ I Liquid Tight Conduit

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. Gray	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Outside Diameter in.	PART DIMENSIONS A Outside Diameter mm.	PART DIMENSIONS B Inside Diameter in.	PART DIMENSIONS B Inside Diameter mm.	MINIMUM BEND RADIUS in.	STANDARD COIL LENGTH* ft/coil
3/8	**8430**	**8430B**	HF1 3/8	.70	17,8	.49	12,5	2.0	
1/2	**8431**	**8328**	HF1 1/2	.83	21,1	.63	16,1	3.25	
3/4	**8432**	**8432B**	HF1 3/4	1.04	26,4	.83	21,1	4.25	100
1	**8433**	**8433B**	HF1 1	1.30	33,1	1.05	26,8	6.5	
1-1/4	**8434**	**8434B**	HF1 1-1/4	1.65	41,8	1.40	35,4	8.0	
1-1/2	**8435**	**8435B**	HF1 1-1/2	1.88	47,8	1.59	40,3	9.0	50
2	**8436**	**8436B**	HF1 2	2.36	59,9	2.03	51,6	11.1	

Standard color gray. Consult Heyco for black and other colors.
*Consult Heyco for Cut to Length Availability.



Material	PVC
Certifications	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.





Material	Schedule 80 PVC

Quick Specs

1-800-526-4182 • 732-286-1800 (NJ) • FAX: 732-244-8843 • www.heyco.com