

HEYCO

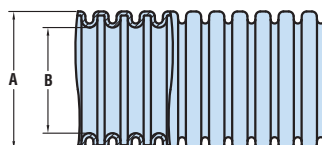


Heyco-Flex™ III Liquid Tight Tubing

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 2-4.
- 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.).
- **Mounting brackets are available, see page 2-17.**
- **Order Part No. 8340**, VF-28 Cutting Tool, for cutting Heyco-Flex Tubing cleanly and evenly.
- For additional nylon conduit sizes, see pages 2-19 and 2-20.

TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS				STANDARD COIL LENGTH ft/coil
			A		B		
			Outside Diameter		Inside Diameter		
			in.	mm.	in.	mm.	
3/8	8478	HF3 3/8 FR	0.710	18,0	0.514	13,1	100
1/2	8479	HF3 1/2 FR	0.850	21,6	0.651	16,5	100
3/4	8480	HF3 3/4 FR	1.116	28,3	0.865	22,0	100
1	8481	HF3 1 FR	1.350	34,3	1.103	28,0	100



PN 8340



*Quick
Specs*

**Material
Certifications**

Flammability Rating
Temperature Rating

Halogen Free Nylon 6



Recognized under Underwriters' Laboratories File E121095

US Certified to both Canadian and U.S. Requirements under File E121095

94V-0

-.04°F (-18°C) to 221°F (105°C)

HEYCO

Heyco-Flex™ III Liquid Tight Fittings

For Flexible, Nonmetallic Liquid Tight Tubing

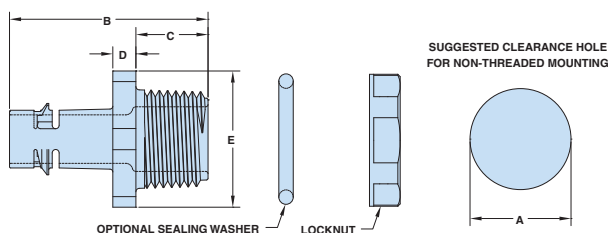
Straight-Thru, NPT Hubs

FITS CONDUIT/ TUBING TRADE SIZE	PART NO.	DESCRIPTION	THREAD SIZE	PART DIMENSIONS									
				A		B		C		D		E	
	Clearance Hole			Max O.A. Length		Thread Length		Wrenching Nut Thk.		Flat Size			
	in.			mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
3/8	9146	HF3C 3/8	1/2 NPT	.875	22,2	1.72	43,7	.63	16,0	.20	5,1	1.16	29,5
1/2	9147	HF3C 1/2											
3/4	9148	HF3C 3/4	3/4 NPT	1.109	28,2	1.84	46,7	.63	16,0	.20	5,1	1.36	34,5
1	9149	HF3C 1	1 NPT	1.375	34,9	1.99	50,6	.78	19,8	.20	5,1	1.62	40,4

Snap-In Hub for 1/2" Heyco-Flex II Tubing

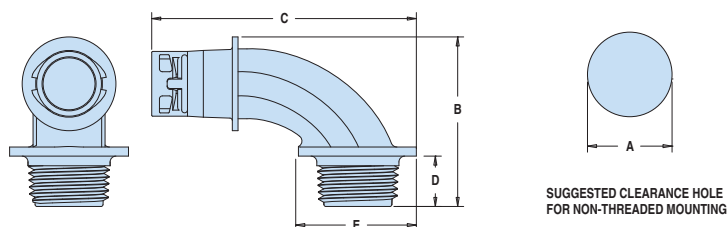
1/2	1952*	HF3C 1/2-S	N/A	.875	22,3	1.38	35,1	.39	9,9	.09	2,3	.97	24,6
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*Part is not Liquid Tight, UL recognized or CSA certified.



90° Sweep, NPT Hubs

FITS CONDUIT/ TUBING TRADE SIZE	PART NO.	DESCRIPTION	THREAD SIZE	PART DIMENSIONS									
				A Clearance Hole		B Max O.A. Length		C Max O.A. Length		D Thread Length		E Flange Dia.	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
3/8	1955	HF3C 3/8 NPT	1/2 NPT	.875	22,2	1.75	44,5	2.74	69,6	.52	13,2	1.23	31,2
1/2	1956	HF3C 1/2 NPT		.875	22,2	1.75	44,5	2.74	69,6	.52	13,2	1.23	31,2
3/4	1957	HF3C 3/4 NPT	3/4 NPT	1.109	28,2	2.10	53,3	3.08	78,2	.52	13,2	1.50	38,1
1	1958	HF3C 1 NPT	1 NPT	1.375	34,9	2.67	67,8	3.66	93,0	.69	17,5	1.80	45,7



Material

6/6 Nylon

Certifications

Recognized under Underwriters' Laboratories File E121095
cULus Certified to both Canadian and U.S. Requirements

Flammability Rating

94V-2

Material Temperature Index

Maximum temperature on part not to exceed 221°F (105°C)

IP Rating

IP 64



- For use with Heyco-Flex III Corrugated Tubing in trade sizes 3/8" through 1". See page 2-3.
- Flame retardant, won't burn.
- Nontoxic and UV resistant.
- **Rated for NEMA 4 and 4X applications when used with Heyco-Flex III Tubing.**
- Rated for NEMA Type 3R applications.
- 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.
- Suitable for use in high vibration or flexing applications (automotive equipment, fiber optics, computer and peripherals, lab equipment, robotics, etc.).
- Resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- For use in both wet and dry applications.
- Use of an O-ring may be required for a complete liquid tight system with a non-threaded mounting hole. See page 2-18.
- Locknuts **included** with straight-thru fittings.
- Patented.



*Quick
Specs*