

STRAND-GUARD® SOLID WALL FIGURE 8 AERIAL CONDUIT

Specialty Conduit

FIGURE 8 CONDUIT

June 2008



Figure 8 Solid Wall Aerial Duct

Features & Benefits

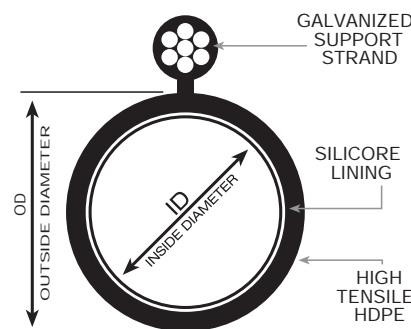
- "Figure 8" construction with extra high strength (EHS), flooded galvanized support strand for one-step aerial placement.
- Duct sizes 1-1/4" (32mm) and 2" (51mm)
- HDPE duct has carbon black and antioxidants for maximum UV and thermal protection.
- Available with coextruded Silicore permanent lining.
- Fits standard serpentine clamp.
- Sequential markings in feet or meters.

GENERAL INFORMATION

Figure 8 Aerial duct designed for aerial applications, highway or water crossings, building to building, added defense against rodent damage and gun shot pellets; easily maneuvered through heavily treed areas with one pass. High tensile strength HDPE duct with "Figure 8" construction incorporates a flooded galvanized support strand for easy one-step aerial placement of duct and strand. Figure 8 duct is manufactured from the highest quality HDPE materials and contains finely blended carbon black and antioxidants for maximum UV and thermal protection. The coextruded SILICORE® super slick permanent lining creates a pathway for easy fiber optic, power or coaxial placement, and eliminates the need for liquid lubricants in an aerial environment.

Strand Class A Flooded:	Breaking Pull Strength*:
1/4" EHS galv.	6,650 lbs
3/8" EHS galv.	15,400 lbs

* Point at which strand failure may occur.



SIZE-STRAND	TYPE
1-1/4" - 1/4"	SIDR 9
1-1/4" - 3/8"	SIDR 9
2" - 3/8"	Special

FIGURE 8 Standard Shipping

- 1-1/4" FIGURE 8
Standard lengths: 2,500' and 5,000'
- 2" FIGURE 8
Standard lengths: 2,500'

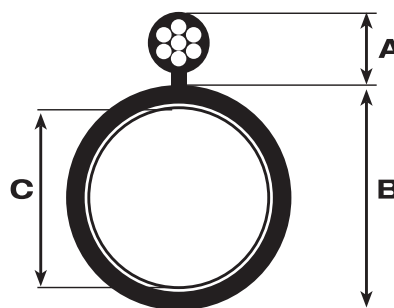
Typical Span Lengths

- 1/4" EHS galv. 225' (67 meters)
 - 3/8" EHS galv. 500' (153 meters)
- Contact Technical Support for questions regarding span lengths.

Material Designation

- HDPE with cell classification of 335430C per ASTM D-3350.
- Type III, Category 5, Class B or C, Grade P34 per ASTM D-1248.

Typical Dimensions (inches)



SIZE	SDR	STRAND	A	B (avg)	C (avg)
1-1/4	SIDR 9	1/4 EHS galv.	0.540	1.556	1.296
1-1/4	SIDR 9	3/8 EHS galv.	0.605	1.556	1.296
2	Special	3/8 EHS galv.	0.815	2.375	2.000

Note: Other sizes available. Minimums may apply.

Solid wall duct available on steel reels.



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