

A. Conduit:

1.0 Conduit Construction

- 1.1 Product HDPE Solid Wall SDR 13.5 Conduit
- 1.2 Description A multipurpose smooth wall continuous length conduit.
- 1.3 Application Primary use in traffic signal and power applications and the telecommunication and fiber optic industries.
- 1.4 Material High-density polyethylene (HDPE) resin, UV stabilization additive and Friction reducing additive in PE compound.
- 1.5 Durability HDPE provides a conduit of high tensile and compression strength.
- 1.6 Availability HDPE SDR 13.5 conduit is available in 4 inner-wall forms:
  - . SMOOTH
  - . RIBBED
  - . ENHANCED (smooth & ribbed) = extrusion additives reduce friction
- 1.7 Colors Available in the required color

2.0 Dimensions



2.1 Dimensions for this product as per ASTM D 3035.

Nominal Size	Outside Diameter (O.D.)	Wall Thickness
in (mm)	in (mm)	in (mm)
½ (16)	0.836 - 0.844 (21.24 - 21.44)	0.076 - 0.096 (1.93 - 2.44)
¾ (21)	1.046 - 1.054 (26.6 - 26.8)	0.078 - 0.098 (1.98 - 2.49)
1 (27)	1.31 - 1.32 (33.27 - 33.53)	0.097 - 0.117 (2.46 - 2.97)
1 ¼ (35)	1.655 - 1.665 (42.07 - 42.33)	0.123 - 0.143 (3.12 - 3.63)
1 ½ (41)	1.894 - 1.906 (48.15 - 48.45)	0.141 - 0.161 (3.58 - 4.09)
2 (53)	2.369 - 2.381 (60.15 - 60.45)	0.176 - 0.197 (4.47 - 5.00)
3 (78)	3.492 - 3.508 (88.7 - 89.1)	0.259 - 0.290 (6.58 - 7.37)
4 (103)	4.491 - 4.509 (114.07 - 114.53)	0.333 - 0.373 (8.46 - 9.48)
6 (155)	6.614 - 6.636 (168.00 - 168.56)	0.491 - 0.550 (12.47 - 13.97)
8 (203)	8.610 - 8.640 (218.69 - 219.46)	0.639 - 0.716 (16.23 - 18.19)

REVISION	DATE	CHANGE DETAIL		<b>General Cable Corp.</b> 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122		
			Title:	HDPE Solid Wall SDR 13.5 Conduit		
			Description:			
			Eng Approval:			
A	11/26/07	Initial Release, Changed Format/MJB	Final Approval:			

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- 2.2     Ovality:        The Ovality of conduit(s) will change within the below limits  
                                       . 1 in to 2 in: ±3.5 to 7.5% Ovality change  
                                       . 3 in: ±8.0% ovality change  
                                       . 4 in: ±12.5% Ovality change
- 2.3     Marking         NOTE: Ovality is under a 3.5% change for the conduit supplied in lengths  
                                       Can be altered upon request, Date of Manufacture, Sequential Markings

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