

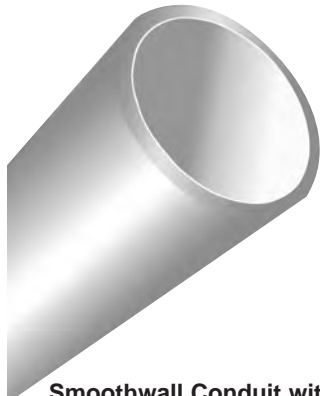
SMOOTH WALL/PERMA-GUARD™

SMOOTHWALL HDPE
INNERDUCT AND CONDUIT

HDPE Conduit

SMOOTHWALL CONDUIT

June 2008



Smoothwall Conduit with
Silicore Lubricated Liner

Features & Benefits

- Available in wide range of sizes, 1/2" - 24" diameters (see dimensional tables in this section).
- Made from flexible HDPE, can be swept to make gradual bends without special forming equipment.
- Available on reels or coils in diameters up to 6", reduces joining costs and is ideal for trenchless installations.
- Excellent low temperature properties, allows installation in coldest of climates.
- Outstanding long term cable protection, from shifting ground, rock and root impingement.
- Provides a permanent pathway, simplifies future cable replacement.
- Also available as UV stabilized for aerial/lashed applications.

GENERAL INFORMATION

Perma-Guard Smoothwall is made in accordance with ASTM F 2160 from high density polyethylene per ASTM D 3350, see specification PS-100 for more specification details. Ideally suited due to its excellent tensile strength for subdividing larger conduits by being pulled in as an innerduct, can be directionally bored, plowed and pull plowed.

Perma-Guard / SW		Includes		Options				
Trade	Description Sizes	Footage Markings	Coils, Reels or Lengths	Colors	Pull Line	Silicore	Parallel	Pinpoint
1/2"-2"	Service Tubing	Yes	Yes	Option	Option	Option	Option	Option
3" - 6"	Intermediate	Yes	Yes	Option	Option	Option	Option	N/A
7" - 24"	Large Diameter	N/A	20', 40' or 50'	Stripes	N/A	N/A	N/A	N/A



Parallel reel



Large diameter coil



Plow chute installation

Other Standards	Specification Title
Telcordia GR-356	Generic requirements for optical cable innerduct & accessories
NEMA TC-7	Smooth wall coiable electrical Polyethylene conduit

Colors Typical Use

Red Power
Orange Telecomm
Terracotta CATV

White }
Green } Other Colors
Blue } Identifiers
Brown }
Gray }
Black }
Yellow }
Custom }



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