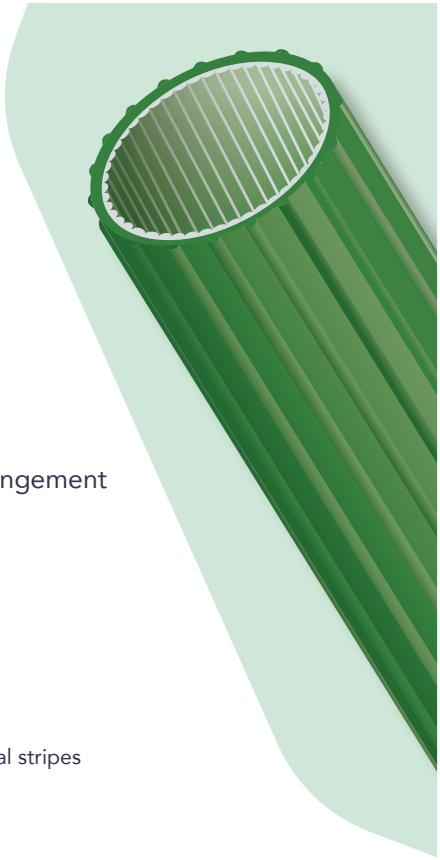
STANDARD

RIBBED IN/OUT



- Manufactured from flexible HDPE, makes gradual bends without special equipment
- External ribs help reduce spiraling during duct installation and installation forces when installed into conduit
- Internal ribs reduce the coefficient of friction during cable placement
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simpifies future cable repairs or replacement

INSTALLATION TYPES

Aerial
Trench
Subdivided Conduit
Directional Bore
Plow
Tray

SIZE RANGE AVAILABLE

1" 1 1/4" 1 1/2"

WALL TYPES

True SIDR 9

STANDARD COLORS

or custom colors with optional stripes

FEATURES

STANDARD

MATERIAL Manufactured from flexible HDPE (High Density Polyethylene)

SPECIFICATIONS All Ribbed In/Ribbed Out conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350

CONDUIT MARKINGS Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.

OPTIONS

CO-EXTRUDED LINING SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.

PRE-INSTALLED TAPE Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™ ensures extra slack at any access point throughout the reel. Available 500lb–6,000lb tensile strength or locatable.

PRE-INSTALLED CABLE Cable can be factory pre-installed in conduit

UV PROTECTANT Available for UV exposure applications (Aerial, Lashed, or External Tray)

RIBBED IN/OUT TECHNICAL SPECIFICATIONS

SIZE	WALL TYPE	AVG OD (IN)	MIN WALL (IN)	WALL TOLERANCE +	MIN ID (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
1"	TSIDR 9	1.274	0.111	0.020	0.952	0.206	13	26	1,168
1 1/4"	TSIDR 9	1.580	0.115	0.020	1.258	0.263	17	34	1,678
1 1/2"	TSIDR 9	1.880	0.157	0.020	1.558	0.405	19	38	2,226

RIBBED IN/OUT NOTES

1. **Bend Radius**
   ½" through 1 ½" Supported Bend Radius 10 times the OD Unsupported Bend Radius 20 times the OD
2. During cable placement, large sweeping bends are recommended over tighter bends.
   Pre-formed sweeps are recommended for conduit sizes 8" through 16" diameters.
3. **SWPS (Safe Working Pull Strength)** is calculated using a 25% safety factor with the minimum resin tensile strength of 3,000 psi, the average OD and average wall thickness.
4. Internal or external ribs are in addition to the average wall and for determining OD and ID dimensions.
   The average rib height to be added is 0.020".