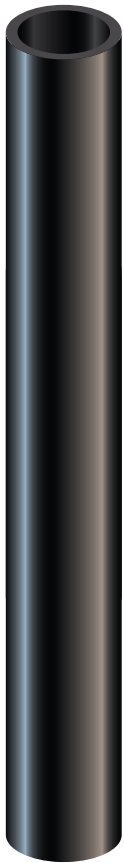


SMOOTH CONDUIT & SMOOTH CONDUIT WITH PULL TAPE

SMOOTH



SMOOTH WITH PULL TAPE



APPLICATIONS

- Commonly installed from transformer to transformer or as underground cables exiting substations

INDUSTRY APPROVALS

- Smooth wall ducts are made of high-density polyethylene resin meeting the requirements of ASTM D 3350.
- All conduit is manufactured in accordance with ASTM F 2160.
- Standard wall conduit comes in a variety of color options and is made in accordance with NEMA TC-7 and ASTM D 3485.
- Material meets or exceeds the requirements in ASTM D3350 for Class PE435540C (Black) or "E" (colors with UV Stabilizers).
- UL Listed

CONSTRUCTION

- HDPE conduit
- Available as Schedule 40, Schedule 80, SDR 11, and SDR 13.5

OPTIONS

- Available in sizes 3/4" through 4"
- Smooth
- Smooth with pull tape
- Available with UL markings on 3/4" through 3" Schedule 40 conduit
- Color options: black, red, orange, gray. Striping is also available.
- Available with pull tape pre-installed to eliminate the time and labor of having to install it in the field

HDPE Conduit




Smooth

Smooth with Pull Tape

UL Listed

Color Options Available:
Black, Red, Orange, Gray

Striping is Available

CONDUIT		COLORS		COLOR OPTIONS	
CONDUIT	Fiber Optic Cable	COLORS	orange		
	CATV/Telephone		orange		
	Electric		black, gray, red		

PROPERTY	TEST METHOD	VALUE
Density	D4883	.953 g/cc
Melt Index	D1238	.25 g/10 min
Flexural Modulus	D790	168,000 psi
Tensile Strength	D638	3900 yield @ 2 in/min
SP-NCLS ESCR	F2136	>1000 hrs
Hydrostatic Design Basis	D2837	N/A





CONDUIT SOLUTIONS

SMOOTH CONDUIT & SMOOTH CONDUIT WITH PULL TAPE

WEIGHTS AND MEASUREMENTS						
NOMINAL SIZE (inch)	NOMINAL OUTSIDE DIAMETER (inch)	MINIMUM WALL THICKNESS (inch)	NOMINAL INSIDE DIAMETER (inch)	MINIMUM BENDING RADIUS (inch)	MAXIMUM PULLING TENSION (lbs)	WEIGHT (lbs/1000 ft)
SCHEDULE 40						
0.75	1.050	0.113	0.804	12	710	149
1.00	1.315	0.133	1.029	14	1050	219
1.25	1.660	0.140	1.360	18	1420	297
1.50	1.900	0.145	1.590	21	1700	354
2.00	2.375	0.154	2.047	26	2280	475
2.50	2.875	0.203	2.445	32	3615	749
3.00	3.500	0.216	3.042	39	4740	981
4.00	4.500	0.237	3.998	50	6745	1396
SCHEDULE 80						
0.75	1.050	0.154	0.722	12	920	190
1.00	1.315	0.179	0.936	14	1360	279
1.25	1.660	0.191	1.255	18	1870	386
1.50	1.900	0.200	1.476	21	2275	468
2.00	2.375	0.218	1.913	26	3145	648
2.50	2.875	0.276	2.290	32	4780	989
3.00	3.500	0.300	2.864	39	6420	1325
4.00	4.500	0.337	3.786	50	9365	1936
SDR 11						
0.75	1.050	0.095	0.840	12	605	130
1.00	1.315	0.120	1.055	14	960	202
1.25	1.660	0.151	1.338	18	1520	316
1.50	1.900	0.173	1.533	21	1995	412
2.00	2.375	0.216	1.917	26	3125	643
2.50	2.875	0.261	2.322	32	4550	941
3.00	3.500	0.318	2.826	39	6760	1395
4.00	4.500	0.409	3.633	50	11170	2308
SDR 13.5						
0.75	1.050	0.078	0.874	12	505	111
1.00	1.315	0.097	1.101	14	790	169
1.25	1.660	0.123	1.394	18	1260	266
1.50	1.900	0.141	1.598	21	1655	346
2.00	2.375	0.176	2.002	26	2585	534
2.50	2.875	0.213	2.423	32	3785	784
3.00	3.500	0.259	2.951	39	5610	1159
4.00	4.500	0.333	3.794	50	9265	1916