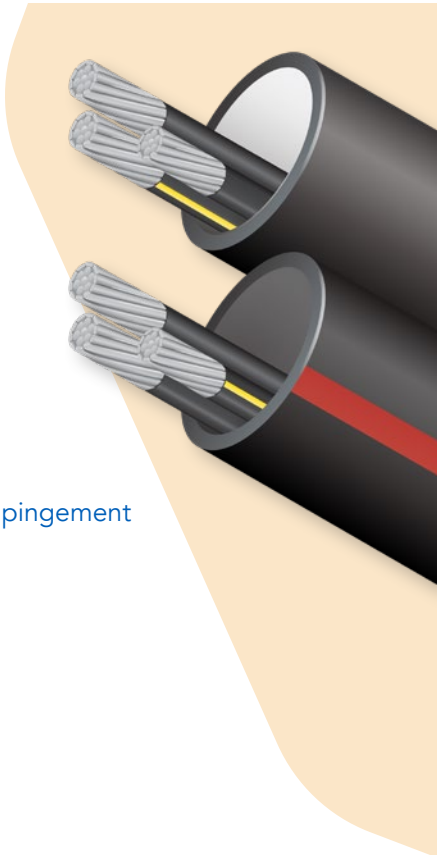
SPECIALTY

CABLE-IN-CONDUIT UL1990



- CableCon (Cable-in-Conduit) is available in ranges 1/2" to 4" diameters
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- 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, simplifies future cable repairs or replacement

INSTALLATION TYPES

Direct Burial

SIZE RANGE

0.50" 2.00"
0.75" 2.50"
1.00" 3.00"
1.25" 4.00"
1.50"

WALL TYPES

EPEC-B/SDR 13.5
EPEC-40/SCH 40
EPEC-80/SCH 80

COLORS

Custom Colors Available

FEATURES

STANDARD

FOOTAGE MARKINGS Sequential foot or meter markings. Custom print streams available.

SPECIFICATIONS All Smoothwall conduit dimensions meets or exceeds one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-2239, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356.

OPTIONS

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.

PREINSTALLED 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.

PREINSTALLED CABLE OPTIONS Single or multiple cables may be pre-installed. Typical cable components are: Service Drops, Fiber, Coaxial, 600 Volt Al, 600 Volt Cu, Medium Voltage. Custom options available.

EXTERNAL STRIPES can be added from our standard color offering to facilitate visual identification.

SMOOTHWALL TECHNICAL SPECIFICATIONS

	WALL TYPE	NOM OD (IN)	OD TOLER-ANCE +/-	MIN WALL (IN)	WALL TOLER-ANCE +	AVG ID (IN)	MIN ID (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
1/2"	EPEC-B/SDR 13.5	0.840	0.004	0.062	0.020	0.696	0.676	0.072	8	16	365
	EPEC-40/SCH 40	0.840	0.004	0.109	0.020	0.602	0.582	0.111	8	16	601
	EPEC-80/SCH 80	0.840	0.004	0.147	0.020	0.526	0.506	0.139	8	16	768
3/4"	EPEC-B/SDR 13.5	1.050	0.005	0.078	0.020	0.874	0.854	0.110	10	20	570
	EPEC-40/SCH 40	1.050	0.005	0.113	0.020	0.804	0.784	0.148	10	20	798
	EPEC-80/SCH 80	1.050	0.005	0.154	0.020	0.722	0.702	0.188	10	20	1,040
1"	EPEC-B/SDR 13.5	1.315	0.007	0.097	0.020	1.101	1.081	0.167	13	26	894
	EPEC-40/SCH 40	1.315	0.007	0.133	0.020	1.029	1.009	0.217	13	26	1,340
	EPEC-80/SCH 80	1.315	0.007	0.179	0.021	0.936	0.915	0.276	13	26	1,533
1 1/4"	EPEC-B/SDR 13.5	1.660	0.008	0.123	0.020	1.394	1.374	0.263	17	34	1,425
	EPEC-40/SCH 40	1.660	0.008	0.140	0.020	1.360	1.340	0.293	17	34	1,604
	EPEC-80/SCH 80	1.660	0.008	0.191	0.023	1.255	1.232	0.382	17	34	2,116
1 1/2"	EPEC-B/SDR 13.5	1.900	0.010	0.141	0.020	1.598	1.578	0.342	19	38	1,867
	EPEC-40/SCH 40	1.900	0.010	0.145	0.020	1.590	1.570	0.350	19	38	1,919
	EPEC-80/SCH 80	1.900	0.010	0.200	0.024	1.476	1.452	0.463	19	38	2,564
2"	EPEC-B/SDR 13.5	2.375	0.012	0.176	0.021	2.002	1.981	0.528	24	48	2,917
	EPEC-40/SCH 40	2.375	0.012	0.154	0.020	2.047	2.027	0.469	24	48	2,579
	EPEC-80/SCH 80	2.375	0.012	0.218	0.026	1.913	1.887	0.641	24	48	2,545
2 1/2"	EPEC-B/SDR 13.5	2.875	0.014	0.213	0.026	2.423	2.397	0.775	29	58	4,274
	EPEC-40/SCH 40	2.875	0.014	0.203	0.024	2.445	2.421	0.740	29	58	4,090
	EPEC-80/SCH 80	2.875	0.014	0.276	0.033	2.290	2.257	0.978	29	58	5,409
3"	EPEC-B/SDR 13.5	3.500	0.018	0.259	0.031	2.951	2.920	1.146	39	78	6,335
	EPEC-40/SCH 40	3.500	0.018	0.216	0.026	3.042	3.016	0.969	39	78	5,348
	EPEC-80/SCH 80	3.500	0.018	0.300	0.036	2.864	2.828	1.310	39	78	7,238
4"	EPEC-B/SDR 13.5	4.500	0.023	0.333	0.040	3.794	3.754	1.895	50	100	10,472
	EPEC-40/SCH 40	4.500	0.023	0.237	0.028	3.998	3.970	1.380	50	100	7,618
	EPEC-80/SCH 80	4.500	0.023	0.337	0.040	3.786	3.746	1.914	50	100	10,578

** Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.*
† Safe working pull strength is calculated at 80% of tensile or breaking strength