



CDT Underground, LLC.

902 North Junett
Tacoma, WA. 98406
253 677-3478

HDPE SMOOTH WALL CONDUIT

CDT Underground, LLC., provides HDPE conduit in compliance with industry standards to include ASTM D3350, F2160, D2239, D3485, D3035, NEMA TC7 and UL651A. Due to our extensive manufacturer relationships we are able to have product made from several facilities throughout the continental U.S. and ship from logically strategic locations near our clients therefore increasing availability and reducing or elimination freight expense.

HDPE conduit is available in sizes 1/2" to 6" in continuous lengths on reels or coils with sequential foot markings. Standard solid colors available are white, black, blue, green, red, orange, lilac, grey, yellow, brown, buff and terra cotta. Colored stripes are available expanding product identification for multiple conduit run applications.

Options available include pre-lubricated inside walls, pre-installed pull tapes and ropes, UL Listed, multiple conduits per reel in 2-way, 3-way or 4-way configurations and locatable conduit.

Markets served by CDT include CATV, telecommunications, utility and DOT.

SEE BELOW FOR DIMENSIONAL DATA





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HDPE CONDUIT DIMENSION DATA

ASTM 2160 OUTSIDE DIAMETER CONTROLLED

SDR 9					SDR 11			SDR 13.5		
DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	WEIGHT LBS/FT	NOMINAL ID	MIN WALL	WEIGHT LBS/FT	NOMINAL ID	MIN WALL	WEIGHT LBS/FT
1/2"	0.840	0.633	0.093	0.099	0.667	0.076	0.085	0.696	0.062	0.072
3/4"	1.050	0.797	0.117	0.152	0.839	0.095	0.130	0.874	0.078	0.110
1"	1.315	1.003	0.146	0.235	1.051	0.120	0.200	1.100	0.097	0.169
1-1/4"	1.660	1.270	0.184	0.372	1.338	0.151	0.314	1.394	0.123	0.264
1-1/2"	1.900	1.452	0.211	0.488	1.534	0.173	0.409	1.599	0.141	0.343
2"	2.375	1.816	0.264	0.762	1.917	0.216	0.639	2.002	0.176	0.531
2-1/2"	2.875	2.198	0.319	1.117	2.321	0.261	0.936	2.424	0.213	0.778
3"	3.500	2.676	0.389	1.655	2.825	0.318	1.387	2.950	0.259	1.153
4"	4.500	3.440	0.500	2.737	3.633	0.409	2.293	3.794	0.333	1.906
5"	5.562	4.252	0.618	4.182	4.490	0.506	3.505	4.689	0.412	2.912
6"	6.625	5.064	0.824	5.931	5.348	0.602	4.971	5.585	0.491	4.130

SCH 40					SCH 80		
DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	WEIGHT LBS/FT	NOMINAL ID	MIN WALL	WEIGHT LBS/FT
1/2"	0.840	-	-	-	-	-	-
3/4"	1.050	0.804	0.113	0.148	0.722	0.154	0.189
1"	1.315	1.029	0.133	0.218	0.936	0.179	0.278
1-1/4"	1.660	1.360	0.140	0.295	1.255	0.191	0.384
1-1/2"	1.900	1.590	0.145	0.352	1.476	0.200	0.465
2"	2.375	2.047	0.154	0.472	1.913	0.218	0.644
2-1/2"	2.875	2.445	0.203	0.744	2.290	0.276	0.983
3"	3.500	3.042	0.216	0.974	2.864	0.300	1.316
4"	4.500	3.896	0.282	1.387	3.786	0.337	1.924
5"	5.562	5.009	0.258	1.904	4.768	0.375	2.671
6"	6.625	6.031	0.280	2.444	5.709	0.432	3.674



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HDPE CONDUIT DIMENSION DATA

ASTM 2239 INSIDE DIAMETER CONTROLLED

SIDR 9					SIDR 11.5			SIDR 15		
DUCT SIZE	NOMINAL ID	NOMINAL OD	MIN WALL	WEIGHT LBS/FT	NOMINAL OD	MIN WALL	WEIGHT LBS/FT	NOMINAL OD	MIN WALL	WEIGHT LBS/FT
1"	1.049	1.302	0.117	0.194	1.251	0.091	0.151	1.209	0.070	0.117
1-1/4"	1.380	1.707	0.153	0.328	1.640	0.120	0.255	1.584	0.092	0.197
1-1/2"	1.610	1.989	0.179	0.444	1.910	0.140	0.343	1.845	0.107	0.264
2"	2.067	2.554	0.230	0.732	2.448	0.180	0.559	2.363	0.138	0.426
2-1/2"	2.469	-	-	-	2.924	0.215	0.798	2.818	0.165	0.600
3"	3.068	-	-	-	3.634	0.267	1.232	3.502	0.205	0.926
4"	4.026	-	-	-	4.768	0.350	2.122	4.595	0.268	1.595
5"	5.046	-	-	-	5.976	0.439	3.334	5.759	0.336	2.506

True SIDR 9					True SIDR 11.5		
DUCT SIZE	NOMINAL ID	NOMINAL OD	MIN WALL	WEIGHT LBS/FT	NOMINAL OD	MIN WALL	WEIGHT LBS/FT
1-1/4"	1.250	1.548	0.139	0.271	1.487	0.109	0.211
1-1/2"	1.500	1.853	0.167	0.385	1.781	0.130	0.300
2"	2.000	2.471	0.222	0.685	2.369	0.174	0.524
4"	4.000	4.942	0.444	2.740	4.737	0.348	2.095