

# HDPE Conduit



HDPE conduit is corrosion resistant, lightweight, and flexible. It's available in smooth solid wall continuous lengths with moisture proof and water tight properties. HDPE conduit also has a high tensile and compression strength.

## HDPE CONDUIT PRODUCT DETAILS

- Conduit is available ½ inch all the way up to 16 inches, some of the largest HDPE conduit in the industry
- Our portfolio includes 12 colors and various striping options resulting in 144 different variations to meet your project requirements
- Orange is standard for telecommunications applications
- Red is standard for power applications
- The print line is ink-jet marked and includes sequential foot marking
- Conduit can be supplied with pull-tape and detectable pull-tape
- Standard pound ratings available are: 1,130 lbs. / 1,250 lbs. / 1,800 lbs. / 2,500 lbs.
- Schedule 40 & Schedule 80 conduit is UL Listed

## INSTALLATION

- HDPE conduit is easy to handle and can be installed in a wide ambient temperature range down to -30° F
- Installation methods include using an open trench, plowing, or HDD (Horizontal Directional Drilling)



# HDPE Conduit Sizes

Trade Size	O.D. (in.)	SCH40			SCH80		
		Min Wall Thick. (in.)	Approx. I.D. (in.)	Approx Weight (lbs/ft)	Min Wall Thick. (in.)	Approx. I.D. (in.)	Approx Weight (lbs/ft)
1/2	0.840	0.109	0.615	0.105	0.147	0.537	0.134
3/4	1.050	0.113	0.817	0.140	0.154	0.733	0.182
1	1.315	0.133	1.041	0.207	0.179	0.946	0.268
1-1/4	1.660	0.140	1.372	0.281	0.191	1.267	0.370
1-1/2	1.900	0.145	1.601	0.336	0.200	1.488	0.449
2	2.375	0.154	2.058	0.452	0.218	1.926	0.621
2-1/2	2.875	0.203	2.457	0.717	0.276	2.306	0.947
3	3.500	0.216	3.055	0.937	0.300	2.882	1.268
4	4.500	-	-	-	0.337	3.806	1.853
5	5.563	-	-	-	0.375	4.790	2.570
6	6.625	-	-	-	-	-	-

Trade Size	O.D. (in.)	SDR9			SDR11		
		Min Wall Thick. (in.)	Approx. I.D. (in.)	Approx Weight (lbs/ft)	Min Wall Thick. (in.)	Approx. I.D. (in.)	Approx Weight (lbs/ft)
1/2	0.840	0.093	0.648	0.092	0.076	0.683	0.077
3/4	1.050	0.117	0.810	0.144	0.095	0.853	0.120
1	1.315	0.146	1.014	0.225	0.120	1.069	0.189
1-1/4	1.660	0.184	1.280	0.359	0.151	1.349	0.301
1-1/2	1.900	0.211	1.465	0.470	0.173	1.544	0.394
2	2.375	0.264	1.831	0.735	0.216	1.930	0.615
2-1/2	2.875	0.319	2.217	1.077	0.261	2.337	0.902
3	3.500	0.389	2.699	1.596	0.318	2.845	1.336
4	4.500	0.500	3.470	2.638	0.409	3.657	2.209
5	5.563	0.618	4.289	4.031	0.506	4.521	3.376
6	6.625	0.736	5.109	5.718	0.602	5.384	4.789

SDR9 covered by ASTM F2160 only

Trade Size	O.D. (in.)	SDR13.5			SDR15.5			SDR17		
		Min Wall Thick. (in.)	Approx. I.D. (in.)	Approx Weight (lbs/ft)	Min Wall Thick. (in.)	Approx. I.D. (in.)	Approx Weight (lbs/ft)	Min Wall Thick. (in.)	Approx. I.D. (in.)	Approx Weight (lbs/ft)
1/2	0.840	0.062	0.712	0.064	0.062	0.712	0.064	-	-	-
3/4	1.050	0.078	0.890	0.100	0.068	0.910	0.088	0.062	0.923	0.081
1	1.315	0.097	1.114	0.157	0.085	1.140	0.138	0.077	1.156	0.127
1-1/4	1.660	0.123	1.407	0.250	0.107	1.439	0.220	0.098	1.459	0.202
1-1/2	1.900	0.141	1.610	0.327	0.123	1.647	0.288	0.112	1.670	0.264
2	2.375	0.176	2.013	0.511	0.153	2.059	0.450	0.140	2.087	0.413
2-1/2	2.875	0.213	2.436	0.749	0.185	2.493	0.659	0.169	2.527	0.605
3	3.500	0.259	2.966	1.110	0.226	3.035	0.977	0.206	3.076	0.896
4	4.500	0.333	3.813	1.835	-	-	-	-	-	-
5	5.563	0.412	4.714	2.803	-	-	-	-	-	-
6	6.625	0.491	5.614	3.976	-	-	-	-	-	-

SDR17 covered by NEMA TC-7 only

Dimensions are nominal (inches) and are subject to normal manufacturing tolerances