

HDPE CONDUIT



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

With nationwide distribution Atkore stands with you ready to provide the conduit necessary to complete your project on time.

HDPE Conduit Product Details

- Dimensions and material conform to ASTM F2160 and NEMA TC-7
 - SRD 13.5, Sch 40 & Sch 80 are UL Listed
- Conduit is available ½ inch all the way up to 16 inches, some of the largest HDPE conduit in the industry
- The 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
- Standard pound ratings available are: 1,130 lbs. / 1,250 lbs. / 1,800 lbs. / 2,500 lbs.

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 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



For more info visit [atkore.com](https://www.atkore.com)

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