



poly producers

Solid wall HDPE Pipe Specifications

Schedule 40 - ASTM F2160 / NEMA TC 7 EPEC-40

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	1.050	0.113	0.824	0.143
1"	1.315	0.133	1.049	0.212
1.25"	1.660	0.140	1.380	0.287
1.5"	1.900	0.145	1.610	0.343
2"	2.375	0.154	2.067	0.461
2.5"	2.875	0.203	2.469	0.731
3"	3.500	0.216	3.068	0.956
4"	4.500	0.237	4.026	1.362
5"	5.563	0.257	5.046	1.844
6"	6.625	0.280	6.065	2.394

Schedule 80 - ASTM F2160 / NEMA TC 7 EPEC-80

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	1.050	0.154	0.742	0.186
1"	1.315	0.179	0.957	0.274
1.25"	1.660	0.191	1.278	0.378
1.5"	1.900	0.200	1.500	0.458
2"	2.375	0.218	1.939	0.634
2.5"	2.875	0.276	2.323	0.967
3"	3.500	0.300	2.900	1.294
4"	4.500	0.337	3.826	1.891
5"	5.563	0.375	4.812	2.621
6"	6.625	0.432	5.761	3.605

SDR 7 - ASTM D3035

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	1.050	0.150	0.732	0.180
1"	1.315	0.188	0.916	0.290
1.25"	1.660	0.237	1.186	0.450
1.5"	1.900	0.271	1.358	0.590
2"	2.375	0.339	1.656	0.940
2.5"	-	-	-	-
3"	3.500	0.500	2.440	2.050
4"	4.500	0.643	3.137	3.390
5"	5.563	0.795	3.878	5.170
6"	6.625	0.946	4.619	7.330

SDR 9 - ASTM D3035 / ASTM F2160

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	1.050	0.117	0.802	0.150
1"	1.315	0.146	1.005	0.230
1.25"	1.660	0.184	1.292	0.370
1.5"	1.900	0.211	1.478	0.480
2"	2.375	0.264	1.815	0.760
2.5"	-	-	-	-
3"	3.500	0.389	2.675	1.660
4"	4.500	0.500	3.440	2.740
5"	5.563	0.618	4.253	4.180
6"	6.625	0.736	5.065	5.930

SDR 11 - ASTM D3035 / ASTM F2160 / NEMA TC 7

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	1.050	0.950	0.849	0.120
1"	1.315	0.120	1.061	0.200
1.25"	1.660	0.151	1.358	0.310
1.5"	1.900	0.173	1.554	0.400
2"	2.375	0.216	1.917	0.640
2.5"	2.875	0.262	2.351	0.930
3"	3.500	0.318	2.826	1.390
4"	4.500	0.409	3.633	2.290
5"	5.563	0.506	4.490	3.510
6"	6.625	0.602	5.349	4.970

SDR 13.5 - ASTM D3035 / ASTM F2160 / NEMA TC 7

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	1.050	0.078	0.885	0.100
1"	1.315	0.097	1.109	0.160
1.25"	1.660	0.123	1.414	0.255
1.5"	1.900	0.141	1.618	0.330
2"	2.375	0.176	2.002	0.530
2.5"	2.875	0.213	2.449	0.764
3"	3.500	0.259	2.951	1.150
4"	4.500	0.333	3.794	1.900
5"	5.563	0.412	4.690	2.910
6"	6.625	0.491	5.584	4.130

SDR 15.5 - ASTM D3035 / ASTM F2160

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	-	-	-	-
1"	-	-	-	-
1.25"	1.660	0.107	1.446	0.224
1.5"	1.900	0.123	1.654	0.295
2"	2.375	0.153	2.069	0.458
2.5"	-	-	-	-
3"	3.500	0.226	3.048	0.997
4"	4.500	0.290	3.920	1.645
5"	5.563	0.359	4.844	2.517
6"	6.625	0.427	5.771	3.566

SDR 17 - ASTM D3035 / NEMA TC 7

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	-	-	-	-
1"	-	-	-	-
1.25"	-	-	-	-
1.5"	1.900	0.112	1.676	0.270
2"	2.375	0.140	2.078	0.430
2.5"	-	-	-	-
3"	3.500	0.206	3.063	0.932
4"	4.500	0.265	3.938	1.514
5"	5.563	0.327	4.870	2.352
6"	6.625	0.390	5.798	3.340

SDR 19 - ASTM D3035

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	-	-	-	-
1"	-	-	-	-
1.25"	-	-	-	-
1.5"	-	-	-	-
2"	2.375	0.125	2.110	0.390
2.5"	-	-	-	-
3"	3.500	0.184	3.110	0.840
4"	4.500	0.237	3.998	1.390
5"	5.563	0.293	4.942	2.120
6"	6.625	0.349	5.885	3.010

SDR 21 - ASTM D3035

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	-	-	-	-
1"	-	-	-	-
1.25"	-	-	-	-
1.5"	-	-	-	-
2"	2.375	0.113	2.135	0.350
2.5"	-	-	-	-
3"	3.500	0.167	3.140	0.770
4"	4.500	0.214	4.046	1.260
5"	5.563	0.265	5.001	0.193
6"	6.625	0.315	5.957	2.730

SDR 26 - ASTM D3035

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	-	-	-	-
1"	-	-	-	-
1.25"	-	-	-	-
1.5"	-	-	-	-
2"	-	-	-	-
2.5"	-	-	-	-
3"	3.500	0.135	3.214	0.630
4"	4.500	0.173	4.133	1.030
5"	5.563	0.214	5.109	1.570
6"	6.625	0.255	6.084	2.230

SDR 32.5 - ASTM D3035

Nom. Size	Avg. OD	Min. Wall	Avg. ID	Wt. (lb/ft)
3/4"	-	-	-	-
1"	-	-	-	-
1.25"	-	-	-	-
1.5"	-	-	-	-
2"	-	-	-	-
2.5"	-	-	-	-
3"	-	-	-	-
4"	4.500	0.138	4.207	0.830
5"	5.563	0.171	5.200	1.270
6"	6.625	0.204	6.193	1.800

