

Blue Diamond Conduit Sizes and Dimensions

Based on Controlled Outside Diameter

ASTM F 2160
SDR Pipe Data

SDR 9

SDR 11

SDR 13.5

Nominal 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

ASTM F 2160
SDR Pipe Data

SDR 15.5

SDR 17

Nominal 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	0.895	0.068	0.098	0.906	0.062	0.092
1"	1.315	1.147	0.084	0.151	1.140	0.077	0.139
1 1/4"	1.660	1.426	0.107	0.235	1.445	0.098	0.218
1 1/2"	1.900	1.635	0.123	0.305	1.656	0.112	0.282
2"	2.375	2.049	0.153	0.469	2.076	0.140	0.434
2 1/2"	2.875	2.482	0.185	0.685	2.516	0.169	0.629
3"	3.500	3.021	0.226	1.015	3.064	0.206	0.932
4"	4.500	3.885	0.290	1.678	3.939	0.265	1.540
5"	5.562	4.801	0.359	2.563	4.868	0.327	2.352
6"	6.625	5.719	0.427	3.637	5.799	0.390	3.337

ASTM F 2160
SDR Pipe Data

SCH 40

SCH 80

Nominal 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

Please note that some sizes and dimensions may require additional equipment or extended lead times and may be required to be manufactured in straight lengths. Please inquire for details.

Blue Diamond UL Listed Conduit Sizes and Dimensions

Based on Controlled Outside Diameter

UL 651B		SCH 40			SCH 80			SDR 13.5		
Nominal 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
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	1.599	0.141	0.343
2"	2.375	2.047	0.154	0.472	1.913	0.218	0.644	2.002	0.176	0.531
2 1/2"	2.875	2.445	0.203	0.744	2.290	0.276	0.983	-	-	-
3"	3.500	-	-	-	2.864	0.300	1.316	2.950	0.259	1.153
4"	4.500	3.998	0.237	1.387	3.786	0.337	1.924	3.794	0.333	1.906
5"	5.562	5.009	0.258	1.904	4.768	0.375	2.671	4.689	0.412	2.912
6"	6.625	6.031	0.280	2.444	5.709	0.432	3.674	5.585	0.491	4.130

Blue Diamond Conduit Sizes and Dimensions

Based on Controlled Inside Diameter

Follows Dimensions of ASTM D 2239

Follows Dimensions of ASTM D 2239		SIDR 9			SIDR 11.5			SIDR 15		
Nominal 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

Follows Dimensions of ASTM D 2239

Follows Dimensions of ASTM D 2239		True SIDR 9			True SIDR 11.5		
Nominal 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

Please note that some sizes and dimensions may require additional equipment or extended lead times and may be required to be manufactured in straight lengths. Please inquire for details.