



PLASTIC INDUSTRIES, Inc

Plastic Industries' pipes are manufactured with high engineered PE3408/PE3608 resin that provides maximum performance benefits to service today's municipal and industrial water needs. The PE 3408/PE3608 material conforms to ASTM 3350 with a cell classification of 345464C. Our pressure pipe is used in many types of applications such as mining, irrigation, reclaimed water, sewer and draining systems.

Specifications:

ASTM D 3035 (SDR) Polyethylene pipe based on controlled outside diameter.

ASTM D 3350 Polyethylene Plastic Pipe & Fittings Material

ASTM D2239 (SIDR) Polyethylene pipe based on controlled inside diameter.

SDR 5 PSI 400				
IPS Size	ID	OD	Wt./cft.	Min Wall
1 1/4"	0.996	1.66	58.1	0.332
1 1/2"	1.140	1.90	76.2	0.380
2"	1.425	2.38	119.0	0.475
2 1/2"	1.725	2.88	174.5	0.575
3"	2.100	3.50	258.4	0.700
4"	2.700	4.50	263.9	0.900

SDR 6 PSI 320				
IPS Size	ID	OD	Wt./cft.	Min Wall
2"	1.583	2.38	103.4	0.396
2 1/2"	1.917	2.88	151.5	0.479
1 1/4"	1.107	1.66	50.5	0.277

SDR 7 PSI 265				
IPS Size	ID	OD	Wt./cft.	Min Wall
1"	0.939	1.32	28.6	0.188
1 1/4"	1.186	1.66	44.5	0.237
1 1/2"	1.358	1.90	58.3	0.271
2"	1.697	2.38	94.0	0.339
2 1/2"	2.054	2.88	133.6	0.411
3"	2.500	3.50	197.8	0.500
4"	3.214	4.50	327.0	0.643

SDR 9 PSI 200				
IPS Size	ID	OD	Wt./cft.	Min Wall
1 1/4"	1.292	1.66	36.6	0.184
1 1/2"	1.478	1.90	47.3	0.211
2"	1.847	2.38	76.0	0.264
2 1/2"	2.236	2.88	107.7	0.319
3"	2.722	3.50	159.2	0.389
4"	3.500	4.50	262.4	0.500
5 3/8"	4.181	5.38	393.4	0.597
5"	4.327	5.56	421.4	0.618
6"	5.153	6.63	597.6	0.792
7"	5.542	7.13	691.2	0.792

SDR 11 PSI 160				
IPS Size	ID	OD	Wt./cft.	Min Wall
1"	1.075	1.315	19.3	0.120
1 1/4"	1.358	1.660	30.7	0.151
1 1/2"	1.554	1.900	40.3	0.173
2"	1.943	2.375	62.8	0.216
2 1/2"	2.352	2.875	90.1	0.261
3"	2.864	3.500	136.4	0.318
4"	3.682	4.500	225.5	0.409
5 3/8"	4.398	5.375	329.2	0.489
5"	4.552	5.563	352.6	0.506
6"	5.42	6.625	500.1	0.602
7"	5.83	7.125	578.4	0.648

SDR 13.5 PSI 128				
IPS Size	ID	OD	Wt./cft.	Min Wall
1"	1.121	1.315	15.9	0.097
1 1/4"	1.414	1.660	25.5	0.123
1 1/2"	1.618	1.900	33.4	0.141
2"	2.023	2.375	52.2	0.176
2 1/2"	2.449	2.875	74.8	0.213
3"	2.982	3.500	113.1	0.259
4"	3.834	4.500	187.0	0.333
5 3/8"	4.579	5.375	273.2	0.398
5"	4.739	5.563	292.6	0.412
6"	5.643	6.625	405.9	0.491
7"	6.069	7.125	480.	0.528

SDR 15.5 PSI 110				
IPS Size	ID	OD	Wt./cft.	Min Wall
1"	1.147	1.315	13.9	0.084
1 1/4"	1.446	1.660	22.4	0.107
1 1/2"	1.654	1.900	29.5	0.123
2"	2.069	2.375	45.8	0.153
3"	3.048	3.500	99.7	0.226
4"	3.920	4.500	164.5	0.290

SIDR 7 PSI 200				
IPS Size	ID	OD	Wt./cft.	Min Wall
1"	1.049	1.35	24.2	0.150
1 1/4"	1.380	1.77	41.9	0.197
1 1/2"	1.610	2.07	57.0	0.230
2"	2.067	2.66	94.0	0.295
3"	2.570	3.99	2.1	0.465
4"	4.026	4.92	269.7	0.575

SDR 17 PSI 100				
IPS Size	ID	OD	Wt./cft.	Min Wall
1"	1.161	1.315	13.2	0.077
1 1/4"	1.464	1.660	20.9	0.098
1 1/2"	1.676	1.900	27.1	0.112
2"	2.095	2.375	42.1	0.140
2 1/2"	2.537	2.875	60.3	0.169
3"	3.088	3.500	91.2	0.206
4"	3.970	4.500	151.2	0.265

SIDR 9 PSI 160				
IPS Size	ID	OD	Wt./cft.	Min Wall
1 1/4"	1.380	1.69	31.6	0.153
1 1/2"	1.610	1.97	43.2	0.179
2"	2.067	2.53	71.2	0.230

2239 (SIDR) ID controlled innerduct

SIDR 11.5 PSI 100				
Size	ID	OD	wt/100ft	Min Wall
1"	1.049	1.231	14.0	0.092
1 1/4"	1.380	1.620	24.3	0.120
1 1/2"	1.610	1.890	33.0	0.140
2"	2.067	2.427	54.5	0.180
4"	4.026	4.726	206.4	0.35

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