Nominal Pipe Size (inches)	HIGH DENSITY POLYETHYLENE (HDPE) IRON PIPE SIZE (IPS) PIPE[2] – WEIGHT (Pounds/Linear Foot)											
	SDR-32.5 51 psi	SDR-26.0 64 psi	SDR-21.0 80 psi	SDR-17.0 100 psi	SDR-15.5 110 psi	SDR-13.5 128 psi	SDR-11.0 160 psi	SDR-9.3 193 psi	SDR-9.0 200 psi	SDR-7.0 267 psi	Sch. 40 varies	Sch. 80 varies
½	0.067	0.067	0.067	0.067	0.067	0.067	0.080	0.092	0.095	0.116	0.108	0.136
¾	0.086	0.086	0.086	0.086	0.093	0.104	0.124	0.143	0.147	0.180	0.143	0.184
1	0.109	0.109	0.110	0.131	0.142	0.161	0.193	0.222	0.229	0.282	0.211	0.271
1¼	0.139	0.143	0.172	0.209	0.225	0.255	0.305	0.352	0.362	0.449	0.286	0.374
1½	0.160	0.185	0.223	0.271	0.295	0.333	0.399	0.461	0.475	0.588	0.341	0.454
2	0.233	0.284	0.346	0.420	0.455	0.517	0.623	0.722	0.744	0.920	0.458	0.628
2½	-	-	-	-	-	-	-	-	-	-	0.724	0.958
3	0.498	0.612	0.744	0.907	0.989	1.121	1.351	1.567	1.615	1.999	0.948	1.282
3½	-	-	-	-	-	-	-	-	-	-	1.140	1.564
4	0.810	1.002	1.227	1.500	1.632	1.854	2.234	2.594	2.668	3.305	1.350	1.874
5	1.234	1.532	1.878	2.288	2.497	2.835	3.417	3.962	4.077	5.051	1.830	2.600
6	1.752	2.174	2.658	3.251	3.537	4.024	4.841	5.617	5.782	7.160	2.377	3.576
8	2.965	3.683	4.514	5.502	5.997	6.819	8.208	9.522	9.800	12.14	3.577	-
10	4.615	5.712	7.008	8.548	9.326	10.59	12.75	14.80	15.22	18.86	5.072	-
12	6.481	8.036	9.857	12.03	13.12	14.89	17.94	20.82	21.43	26.52	6.706	-
14	7.826	9.690	11.89	14.51	15.80	17.96	21.63	25.10	25.84	31.98	-	-
16	10.21	12.66	15.53	18.94	20.65	23.45	28.26	32.77	33.74	41.77	-	-
18	12.93	16.02	19.65	23.98	26.13	29.68	35.74	41.48	42.70	52.86	-	-
20	15.95	19.78	24.25	29.59	32.26	36.64	44.14	51.23	52.86	65.27	-	-
22	19.31	23.94	29.36	35.81	39.03	44.36	53.41	61.99	63.77	78.98	-	-
24	22.97	28.49	34.94	42.63	46.45	52.79	63.57	73.77	75.91	93.99	-	-

[2] Based on minimum wall thickness plus ½ of tolerance (ASTM D2447/3035). Density = 59.6 pounds/cubic foot. Pressure ratings for PE 2708/3608/3708/4608/4708 Pipe (SDR) based on Hydrostatic Design Stress of 800 psi (ASTM D3035). Pressure ratings for PE 2306/2406/3306/3406 Pipe (Schedule) based on Hydrostatic Design Stress of 630 psi (ASTM D2447).

(05/10/12)

Nominal Pipe Size (inches)	POLYVINYL CHLORIDE (PVC) IRON PIPE SIZE (IPS) PIPE[1] – WEIGHT (Pounds/Linear Foot)								
	SDR-64.0 63 psi	SDR-41.0 100 psi	SDR-32.5 125 psi	SDR-26.0 160 psi	SDR-21.0 200 psi	SDR-17.0 250 psi	SDR-13.5 315 psi	Sch. 40 varies	Sch. 80 varies
½	-	-	-	-	-	-	0.105	0.158	0.199
¾	-	-	-	-	0.131	0.134	0.161	0.210	0.270
1	-	-	-	0.166	0.173	0.204	0.246	0.240	0.304
1¼	-	-	0.198	0.209	0.252	0.306	0.374	0.419	0.549
1½	-	-	0.227	0.271	0.327	0.398	0.488	0.501	0.665
2	-	-	0.342	0.417	0.508	0.617	0.757	0.672	0.921
2½	-	-	0.493	0.605	0.740	0.896	1.111	1.062	1.404
3	-	0.585	0.730	0.897	1.091	1.331	1.644	1.390	1.880
3½	-	0.765	0.945	1.164	1.420	1.734	2.149	1.672	2.293
4	0.633	0.962	1.188	1.467	1.793	2.200	2.719	1.980	2.748
5	0.960	1.458	1.810	2.249	2.754	3.356	4.157	2.684	3.813
6	1.354	2.056	2.596	3.187	3.910	4.767	5.901	3.486	5.244
8	2.265	3.467	4.348	5.401	6.604	8.083	-	5.246	7.964
10	3.489	5.390	6.768	8.376	10.26	12.54	-	7.437	11.81
12	4.904	7.590	9.505	11.79	14.43	17.64	-	9.834	16.25
14	-	9.185	11.45	14.20	17.42	21.26	-	11.48	19.48
16	-	12.01	14.97	18.56	22.77	27.78	-	15.21	25.05
18	-	15.20	18.96	23.49	28.81	35.17	-	19.23	31.34
20	-	18.77	23.39	29.01	35.56	43.39	-	22.58	38.35
24	-	27.01	33.68	41.78	51.23	62.52	-	26.03	44.84
30	-	42.24	52.66	65.29	80.01	97.69	-	-	-
36	-	60.80	75.85	94.04	115.2	140.7	-	-	-

[1] Based on minimum wall thickness plus ½ of tolerance (ASTM D1785/2241). Density = 87.4 pounds/cubic foot. Pressure ratings for PVC 1120/1220/2120 Pipe based on Hydrostatic Design Stress of 2,000 psi (ASTM D1785/D2241).

(05/10/12)