



HIGH COUNTRY FUSION COMPANY, INC. PIPE DIMENSION AND WEIGHT CHART

PE 4710 MATERIAL
ASTM D-3350 445574C

IPS PIPE SIZES		333 PSI SDR 7			255 PSI SDR 9			200 PSI SDR 11			160 PSI SDR 13.5		
IPS Pipe Size	Nominal OD (in)	Minimum Wall (in)	Average ID (in)	Weight (lbs/ft)	Minimum Wall (in)	Average ID (in)	Weight (lbs/ft)	Minimum Wall (in)	Average ID (in)	Weight (lbs/ft)	Minimum Wall (in)	Average ID (in)	Weight (lbs/ft)
3/4"	1.050	0.15	0.738	0.19	0.12	0.807	0.15	0.10	0.851	0.13	NA	NA	NA
1"	1.315	0.19	0.924	0.29	0.15	1.011	0.23	0.12	1.066	0.20	NA	NA	NA
1 1/4"	1.660	0.24	1.167	0.46	0.18	1.276	0.37	0.15	1.346	0.31	NA	NA	NA
1 1/2"	1.900	0.27	1.335	0.61	0.21	1.461	0.49	0.17	1.541	0.41	NA	NA	NA
2"	2.375	0.34	1.669	0.95	0.26	1.826	0.77	0.22	1.926	0.64	0.18	2.009	0.53
3"	3.500	0.50	2.460	2.06	0.39	2.691	1.66	0.32	2.838	1.39	0.26	2.961	1.16
4"	4.500	0.64	3.163	3.40	0.50	3.460	2.75	0.41	3.649	2.31	0.33	3.807	1.92
5"	5.563	0.79	3.910	5.20	0.62	4.277	4.20	0.51	4.511	3.52	0.41	4.706	2.93
6"	6.625	0.95	4.656	7.37	0.74	5.094	5.96	0.60	5.372	5.00	0.49	5.604	4.15
8"	8.625	1.23	6.062	12.50	0.96	6.632	10.11	0.78	6.994	8.47	0.64	7.296	7.04
10"	10.750	1.54	7.556	19.42	1.19	8.266	15.70	0.98	8.717	13.16	0.80	9.094	10.93
12"	12.750	1.82	8.961	27.31	1.42	9.803	22.08	1.16	10.339	18.51	0.94	10.786	15.38
14"	14.000	2.00	9.840	32.93	1.56	10.764	26.63	1.27	11.353	22.32	1.04	11.843	18.54
16"	16.000	2.29	11.246	43.01	1.78	12.302	34.78	1.45	12.975	29.15	1.19	13.535	24.22
18"	18.000	2.57	12.651	54.43	2.00	13.840	44.02	1.64	14.596	36.89	1.33	15.227	30.65
20"	20.000	2.86	14.057	67.20	2.22	15.378	54.34	1.82	16.218	45.54	1.48	16.919	37.84
22"	22.000	3.14	15.463	81.32	2.44	16.916	65.75	2.00	17.840	55.10	1.63	18.610	45.79
24"	24.000	3.43	16.869	96.77	2.67	18.453	78.25	2.18	19.462	65.58	1.78	20.302	54.49
26"	26.000	NA	NA	NA	2.89	19.991	91.84	2.36	21.084	76.96	1.93	21.994	63.95
28"	28.000	NA	NA	NA	3.11	21.529	106.51	2.55	22.705	89.26	2.07	23.686	74.17
30"	30.000	NA	NA	NA	3.33	23.067	122.27	2.73	24.327	102.47	2.22	25.378	85.14
32"	32.000	NA	NA	NA	NA	NA	NA	2.91	25.949	116.58	2.37	27.070	96.87
34"	34.000	NA	NA	NA	NA	NA	NA	3.09	27.571	131.61	2.52	28.761	109.36
36"	36.000	NA	NA	NA	NA	NA	NA	3.27	29.193	147.55	2.67	30.453	122.60
1000MM	39.250	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.91	33.203	145.74
42"	42.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.11	35.529	166.88
48"	48.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
54"	54.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1600MM	63.000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA= CURRENTLY NOT AVAILABLE. PLEASE CHECK IF NEEDED AS TECHNOLOGY CHANGES REGULARLY



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ASTM D-3350 445574C

IPS PIPE SIZES		130 PSI SDR 17			100 PSI SDR 21			80 PSI SDR 26			65 PSI SDR 32.5		
IPS Pipe Size	Nominal OD (in)	Minimum Wall (in)	Average ID (in)	Weight (lbs/ft)	Minimum Wall (in)	Average ID (in)	Weight (lbs/ft)	Minimum Wall (in)	Average ID (in)	Weight (lbs/ft)	Minimum Wall (in)	Average ID (in)	Weight (lbs/ft)
2"	2.375	0.14	2.084	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
3"	3.500	0.21	3.072	0.94	0.17	3.153	0.77	NA	NA	NA	NA	NA	NA
4"	4.500	0.26	3.949	1.55	0.21	4.054	1.27	0.17	4.140	1.04	NA	NA	NA
5"	5.563	0.33	4.882	2.37	0.26	5.012	1.94	0.21	5.118	1.58	NA	NA	NA
6"	6.625	0.39	5.814	3.36	0.32	5.969	2.75	0.25	6.095	2.24	0.20	6.201	1.81
8"	8.625	0.51	7.570	5.69	0.41	7.771	4.66	0.33	7.935	3.80	0.27	8.073	3.07
10"	10.750	0.63	9.435	8.83	0.51	9.685	7.24	0.41	9.890	5.91	0.33	10.062	4.77
12"	12.750	0.75	11.190	12.43	0.61	11.487	10.19	0.49	11.730	8.31	0.39	11.934	6.71
14"	14.000	0.82	12.287	14.98	0.67	12.613	12.28	0.54	12.880	10.02	0.43	13.104	8.09
16"	16.000	0.94	14.042	19.57	0.76	14.415	16.04	0.62	14.720	13.09	0.49	14.976	10.56
18"	18.000	1.06	15.798	24.77	0.86	16.217	20.30	0.69	16.560	16.57	0.55	16.848	13.37
20"	20.000	1.18	17.553	30.58	0.95	18.019	25.07	0.77	18.400	20.45	0.62	18.720	16.50
22"	22.000	1.29	19.308	37.00	1.05	19.821	30.33	0.85	20.240	24.75	0.68	20.592	19.97
24"	24.000	1.41	21.064	44.03	1.14	21.623	36.10	0.92	22.080	29.45	0.74	22.464	23.76
26"	26.000	1.53	22.819	51.67	1.24	23.425	42.36	1.00	23.920	34.57	0.80	24.336	27.89
28"	28.000	1.65	24.574	59.93	1.33	25.227	49.13	1.08	25.760	40.09	0.86	26.208	32.34
30"	30.000	1.76	26.329	68.80	1.43	27.029	56.40	1.15	27.600	46.02	0.92	28.080	37.13
32"	32.000	1.88	28.085	78.28	1.52	28.830	64.17	1.23	29.440	52.36	0.98	29.952	42.24
34"	34.000	2.00	29.840	88.37	1.62	30.632	72.44	1.31	31.280	59.11	1.05	31.824	47.69
36"	36.000	2.12	31.595	99.07	1.71	32.434	81.21	1.38	33.120	66.27	1.11	33.696	53.46
1000MM	39.250	2.31	34.448	117.76	1.87	35.362	96.54	1.51	36.110	78.77	1.21	36.738	63.55
42"	42.000	2.47	36.861	134.84	2.00	37.840	110.54	1.62	38.640	90.20	1.29	39.312	72.77
48"	48.000	2.82	42.127	176.12	2.29	43.246	144.38	1.85	44.160	117.81	1.48	44.928	95.05
54"	54.000	3.18	47.393	222.90	2.57	48.651	182.73	2.08	49.680	149.10	1.66	50.544	120.29
1600MM	63.000	NA	NA	NA	3.00	56.760	248.72	2.42	57.960	202.94	1.94	58.968	163.73

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