



Solvent Weld Pipe

IPS Size

Submittal and Data Sheet

July 2000

IPS Pressure-Rated PVC

P.R. 63 - SDR 64

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')	Length per Crate (feet)	Approximate Crate Weight (lbs)
6	6.625	6.40	0.104	140	520	730

P.R. 100 - SDR 41

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')	Length per Crate (feet)	Approximate Crate Weight (lbs)
3	3.500	3.31	0.085	60	1500	900
4	4.500	4.26	0.110	100	960	960
5	5.563	5.27	0.136	150	760	1160
6	6.625	6.27	0.162	220	520	1120
8	8.625	8.17	0.210	360	300	1090
10	10.750	10.18	0.262	570	240	1360
12	12.750	12.08	0.311	800	120	960

P.R. 125 - SDR 32.5

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')	Length per Crate (feet)	Approximate Crate Weight (lbs)
1¼	1.660	1.53	0.060	20	3920	780
1½	1.900	1.77	0.060	23	3020	690
2	2.375	2.21	0.073	35	2100	730
2½	2.875	2.68	0.088	51	1460	740
3	3.500	3.26	0.108	75	1500	1130
4	4.500	4.20	0.138	120	960	1190
5	5.563	5.19	0.171	190	760	1440
6	6.625	6.18	0.204	270	520	1400
8	8.625	8.05	0.265	460	300	1370
10	10.750	10.04	0.331	710	240	1710
12	12.750	11.91	0.392	1000	120	1200

P.R. 160 - SDR 26

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')	Length per Crate (feet)	Approximate Crate Weight (lbs)
1¼	1.660	1.52	0.064	21	3920	820
1½	1.900	1.74	0.073	27	3020	830
2	2.375	2.18	0.091	43	2100	900
2½	2.875	2.63	0.110	63	1460	910
3	3.500	3.21	0.135	94	1500	1400
4	4.500	4.12	0.173	150	960	1480
5	5.563	5.10	0.214	240	760	1790
6	6.625	6.07	0.255	330	520	1740
8	8.625	7.91	0.332	570	300	1700

P.R. 200 - SDR 21

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')	Length per Crate (feet)	Approximate Crate Weight (lbs)
¾ *	1.050	0.92	0.060	12	8100	990
1	1.315	1.18	0.063	16	6300	1020
1¼*	1.660	1.49	0.079	26	3920	1010
1½*	1.900	1.70	0.090	34	3020	1010
2 *	2.375	2.13	0.113	53	2100	1110
2½*	2.875	2.58	0.137	77	1460	1130
3 *	3.500	3.14	0.167	110	1500	1720
4 *	4.500	4.04	0.214	190	960	1810
5	5.563	5.00	0.265	300	460	1370
6	6.625	5.94	0.316	410	520	2140

P.R. 315 - SDR 13.5

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')	Length per Crate (feet)	Approximate Crate Weight (lbs)
½ *	0.840	0.70	0.062	10	10000	990
2 *	2.375	1.99	0.176	80	2100	1670
2½*	2.875	2.41	0.213	120	1460	1710
3 *	3.500	2.94	0.259	170	1500	2590
4 *	4.500	3.78	0.333	290	960	2740

Average number of solvent cemented joints per pint of cement.

IPS Cement														
Number	½" dia.	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	8"	10"	12"
711	175	135	88	65	49	37	29	22	18	12	6	4	3	2
717	175	135	88	65	49	37	29	22	18	12	6	4	3	2
705	140	97	69	47	35	26	22	18	15					
710	130	90	60	44	33	25								

General Notes:

1. Classified to ANSI/NSF Standard 61 for potability.
2. Products marked with a " *" are tested to the requirements of the Uniform Plumbing Code™.
3. Pipe material conforms to ASTM D 1784, cell class 12454.
4. Pipe conforms to ASTM D 2241.
5. Pipe is produced with integral solvent weld bells in 20-foot lengths.
6. Inside diameters may vary due to allowable manufacturing tolerances.
7. Approximate weights are for estimating purposes only.
8. All orders are subject to final acceptance by PWPipe sales management.