



Schedule 40 and 80 Pipe

IPS Size

Submittal and Data Sheet

August 2000

IPS Pressure-Rated PVC

Solvent Weld Schedule 40

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')	Water Pressure Rating (psi)	Length per Crate (feet)	Approximate Crate Weight (lbs)
1/2	0.840	0.60	0.109	16	600	10000	1640
3/4	1.050	0.80	0.113	22	480	8100	1770
1	1.315	1.03	0.133	32	450	6300	2040
1 1/4	1.660	1.36	0.140	44	370	3920	1720
1 1/2	1.900	1.59	0.145	52	330	3020	1580
2	2.375	2.04	0.154	70	280	2100	1480
2 1/2*	2.875	2.44	0.203	110	300	1460	1630
3	3.500	3.03	0.216	150	260	1500	2190
4	4.500	3.99	0.237	210	220	960	2000
5 *	5.563	5.01	0.258	290	190	460	1330
6 *	6.625	6.02	0.280	370	180	520	1900
8 *	8.625	7.93	0.322	570	160	300	1700
10 *	10.750	9.96	0.365	780	140	240	1870
12 *	12.750	11.88	0.406	1030	130	120	1240

Plain-end Schedule 80

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')	Water Pressure Rating (psi)	Length per Crate (feet)	Approximate Crate Weight (lbs)
1/2	0.840	0.52	0.147	21	850	10000	2110
3/4	1.050	0.72	0.154	29	690	8100	2320
1	1.315	0.93	0.179	42	630	6300	2660
1 1/4	1.660	1.25	0.191	58	520	3920	2280
1 1/2	1.900	1.47	0.200	70	470	3020	2130
2	2.375	1.90	0.218	97	400	2100	2050
2 1/2	2.875	2.28	0.276	150	420	1460	2170
3	3.500	2.85	0.300	200	370	1500	2980
4	4.500	3.77	0.337	290	320	960	2790
5	5.563	4.76	0.375	400	290	760	3070
6	6.625	5.70	0.432	550	280	520	2880
8	8.625	7.55	0.500	840	250	300	2530
10	10.750	9.48	0.593	1250	230	240	3000
12	12.750	11.28	0.687	1720	230	120	2060

General Notes:

1. Certified to ANSI/NSF Standard 61 for potability.
2. Schedule 40 pipe is listed to the requirements of the Uniform Plumbing Code™ except for products marked with “ * ”.
3. Pipe material conforms to ASTM D 1784, cell class 12454.
4. Pipe conforms to ASTM D 1785.
5. Standard coloring of Schedule 40 pipe is white and Schedule 80 pipe is gray.
6. All pipe is produced in 20-foot lengths. 10-foot lengths may be available.
7. Inside diameters may vary due to allowable manufacturing tolerances.
8. Approximate weights are for estimating purposes only.
9. Water pressure ratings are for unthreaded pipe only. Do not thread Schedule 40 pipe.
10. Crate weights are for 20-foot lengths.
11. All orders are subject to final acceptance by PW Pipe sales management.