

Solvent Weld | Schedule Series

PRESSURE-RATED PVC PIPE



DELIVERING GOOD WATER TO YOU



ASTM D1785, ASTM D2665, ASTM D1784 Cell Class 12454
Uniform Plumbing Code, ANSI/NSF 61/14

MARKETS



Irrigation



Reclaim



Plumbing



Drainage

DESCRIPTION

Available Pipe Sizes (IPS)

½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4", 5", 6", 8", 10", 12", 14", 16"

Nominal Laying Length: 10/20 feet *(Laying length tolerances are in accordance with ASTM standards)*

Color:

Schedule 40: White

Purple

Beige

*(Marked for Reclaim only)**

*(For SolarBlok only)**

Schedule 80: Dark Grey



ASTM D1785

Schedule 40

Schedule 80



BENEFITS



INSTALLATION

FEATURES

Lightweight, great for manual installation.

Field-cut with a power saw or handsaw; bevel without complicated machinery.

Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.

Unaffected by corrosive elements: sewer gas, sulfuric acid, alkaline, or acidic soils.

Consistency in carrying capacity (flow coefficient, C=150), for savings in pumping and material costs.

SolarBlok Option: Formulated PVC to increase resistance to ultraviolet rays.

*Supply may vary based on plant location. Please call regarding availability.

Made in America

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PRESSURE-RATED PVC PIPE



DELIVERING GOOD WATER TO YOU

SUBMITTAL AND DATA SHEET

Schedule 40

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	PRESSURE RATING (PSI)	APPROX. WGT (LBS/FT)	PIPE STIFFNESS (PSI)
1/2	0.840	0.609	0.109	600	0.164	5,928
3/4	1.050	0.810	0.113	480	0.218	3,136
1	1.315	1.033	0.133	450	0.324	2,547
1 1/4	1.660	1.363	0.140	370	0.439	1,397
1 1/2	1.900	1.593	0.145	330	0.525	1,008
2	2.375	2.049	0.154	280	0.705	596
2 1/2	2.875	2.445	0.203	300	1.118	784
3	3.500	3.042	0.216	260	1.463	509
4	4.500	3.998	0.237	220	2.083	307
5	5.563	5.016	0.258	190	2.822	205
6	6.625	6.031	0.280	180	3.663	154
8	8.625	7.942	0.322	160	5.512	104
10	10.750	9.976	0.365	140	7.815	78
12	12.750	11.889	0.406	130	10.333	64
14	14.000	13.073	0.437	130	12.220	60
16	16.000	14.940	0.500	130	15.980	60

Product Standard: ASTM D1785, ASTM D2665
Pipe Compound: ASTM D1784 Cell Class 12454
Certification: ANSI/NSF 61, ANSI/NSF 14*
 Uniform Plumbing Code*
Pipe End Finish: Bell End*, Plain End
Nominal Laying Length: 10/20 feet
 (Laying length tolerances are in accordance with ASTM standards)
Installation: JM Eagle™ Solvent Weld Installation Guide
 Water pressure rating measured at 23°C (73°F)

Manning Coefficient (n) = 0.009
 Hazen-Williams Coefficient (c) = 150

SolarBlok Option

Available Size: 1/2" - 4"
Product Standard: ASTM D1785
Certification: ANSI/NSF 61
Pipe End Finish: Bell End

*Supply may vary based on plant location. Please call regarding availability.

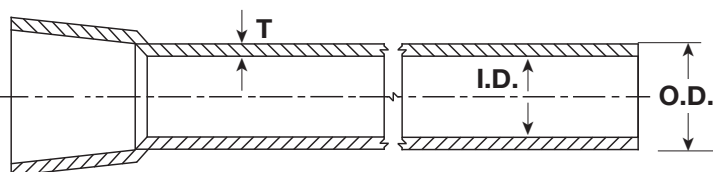
Schedule 80

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	PRESSURE RATING (PSI)	APPROX. WGT (LBS/FT)	PIPE STIFFNESS (PSI)
1/2	0.840	0.528	0.147	850	0.210	17,066
3/4	1.050	0.724	0.154	690	0.285	9,078
1	1.315	0.936	0.179	630	0.419	6,995
1 1/4	1.660	1.255	0.191	520	0.579	3,930
1 1/2	1.900	1.476	0.200	470	0.701	2,911
2	2.375	1.913	0.218	400	0.969	1,846
2 1/2	2.875	2.290	0.276	420	1.479	2,141
3	3.500	2.864	0.300	370	1.979	1,473
4	4.500	3.786	0.337	320	2.892	949
6	6.625	5.709	0.432	280	5.516	607
8	8.625	7.565	0.500	250	8.336	417
10*	10.750	9.493	0.593	230	12.375	356
12*	12.750	11.294	0.687	230	17.027	330

Product Standard: ASTM D1785
Pipe Compound: ASTM D1784 Cell Class 12454
Certification: ANSI/NSF 61, ANSI/NSF 14*
 Uniform Plumbing Code*
Pipe End Finish: Bell End*, Plain End
Nominal Laying Length: 20 feet
 (Laying length tolerances are in accordance with ASTM standards)
Installation: JM Eagle™ Solvent Weld Installation Guide
 Water pressure rating measured at 23°C (73°F)

Manning Coefficient (n) = 0.009
 Hazen-Williams Coefficient (c) = 150

*Supply may vary based on plant location. Please call regarding availability.



T: (Wall Thickness)
O.D.: (Outside Diameter)
I.D.: (Inside Diameter)

This information may have been updated. Please visit www.jmeagle.com for all updated information and warranty details.

CUSTOMER SERVICE: 1.800.621.4404

THIS PRODUCT IS MADE IN AMERICA

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