

Solvent Weld DWV

SOLID/
CELLULAR CORE



SOLID CORE: ASTM D2949/D2665/D1785
ASTM D1784 Cell Class 12454
ANSI/NSF 61/14, Uniform Plumbing Code

CELLULAR CORE: ASTM F891
ASTM D4396 Cell Class 11432
ANSI/NSF 61/14, Uniform Plumbing Code



MARKETS



PLUMBING



DRAIN, WASTE AND VENT

DESCRIPTION



SOLID CORE

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6", 8", 10", 12", 14", 16"

PIPE COLOR

WHITE

CELLULAR CORE

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

1 1/2", 2", 3", 4", 6"

PIPE COLOR

WHITE

ASTM D2665/D1785

Schedule 40

ASTM F891

Schedule 40



BENEFITS

INSTALLATION

- 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.



FEATURES

- Unaffected by corrosive elements, sewer gas, sulfuric acid, alkaline, or acidic soils.
- Consistency in carrying capacity (flow coefficient, C=150), for savings in pumping costs and size of the pipe.
- Structurally sound joints provide a rigid connection.



SUBMITTAL AND DATA SHEET

SOLID CORE: ASTM D2949

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	PRESSURE RATING (PSI)	APPROX.WGT (LBS/FT)	PIPE STIFFNESS (PSI)
3	3.250	2.987	0.125	-	0.800	115

SOLID CORE: ASTM D2665/D1785

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	PRESSURE RATING (PSI)	APPROX.WGT (LBS/FT)	PIPE STIFFNESS (PSI)
SCHEDULE 40						
1 1/4	1.660	1.363	0.140	370	0.439	1400
1 1/2	1.900	1.593	0.145	330	0.525	1010
2	2.375	2.049	0.154	280	0.705	600
2 1/2	2.875	2.445	0.203	300	1.114	784
3	3.500	3.042	0.216	260	1.463	510
4	4.500	3.998	0.237	220	2.083	310
5	5.563	5.016	0.258	190	2.822	205
6	6.625	6.031	0.280	180	3.665	150
8	8.625	7.942	0.322	160	5.519	100
10	10.750	9.976	0.365	140	7.787	78
12	12.750	11.889	0.406	130	10.296	63
14	14.000	13.073	0.437	130	12.185	60
16	16.000	14.940	0.500	130	15.933	60

PRODUCT STANDARD

ASTM D2949/D2665/D1785

CERTIFICATION

ANSI/NSF 61, ANSI/NSF 14*

NOMINAL LAYING LENGTH

10/20 feet

(Laying length tolerances are in accordance with ASTM standards.)

PIPE COMPOUND

ASTM D1784 Cell Class 12454

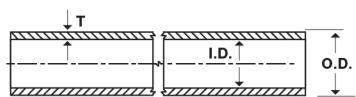
PIPE END FINISH

Bell End*, Plain End

INSTALLATION

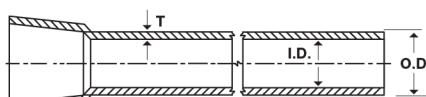
JM Eagle™ Solvent Weld Installation Guide.

ASTM D2949

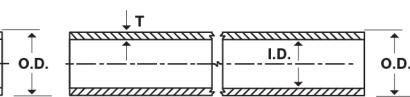


Manning Coefficient (n) = 0.009

ASTM D2949



Hazen-Williams Coefficient (c) = 150



Manning Coefficient (n) = 0.009

T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter



SUBMITTAL AND DATA SHEET

CELLULAR CORE: ASTM F891

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	APPROX.WGT (LBS/FT)	PIPE STIFFNESS (PSI)
SCHEDULE 40					
1½	1.900	1.593	0.145	0.383	600
2	2.375	2.049	0.154	0.500	300
3	3.500	3.042	0.216	1.050	300
4	4.500	3.998	0.237	1.450	200
6	6.625	6.031	0.280	2.450	120

PRODUCT STANDARD

ASTM F891

CERTIFICATION

ANSI/NSF 61, ANSI/NSF 14*
Uniform Plumbing Code*

NOMINAL LAYING LENGTH

10/20 feet

(Laying length tolerances are
in accordance with ASTM standards.)

PIPE COMPOUND

ASTM D4396
Cell Class 11432

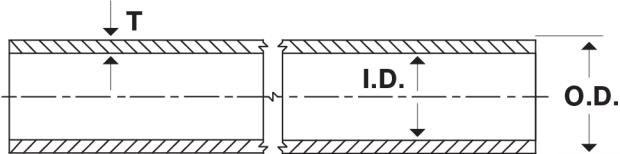
PIPE END FINISH

Plain End
*Bell End

INSTALLATION

JM Eagle™ Solvent Weld
Installation Guide

Manning Coefficient (n) = 0.009



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter

