



MODERN
INFRASTRUCTURE
MADE IN AMERICA

PLUMBING DIVISION

Product One-Sheets

JANUARY 2026



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MADE IN AMERICA

LEADING PVC, PE & ABS PIPE MANUFACTURER IN THE WORLD

- Enough pipe produced annually to circle the globe 12 times.
- In business since 1982, under consistent family ownership.
- Workforce of over 1,200 employees and revenue exceeding \$2 billion.
- 17 manufacturing plants in the U.S., plus 2 strategically located distribution centers.
- A 100-truck fleet and Ascending Eagle ensure fast, reliable shipments—delivered by the people who make the pipe.
- Combines advanced product technology with state-of-the-art automation to ensure industry-leading quality.



ONE STOP SHOP

We are the only plastic pipe manufacturer that makes everything

- Average Plant Manager tenure is 24 years.
- Offers every type of plastic pipe from PVC, to PE, to ABS.
- Widest range of high-grade, high-performance plastic pipes in the industry.
- Strength lies in both product diversity and a skilled, diverse workforce nationwide.

Our Partnership

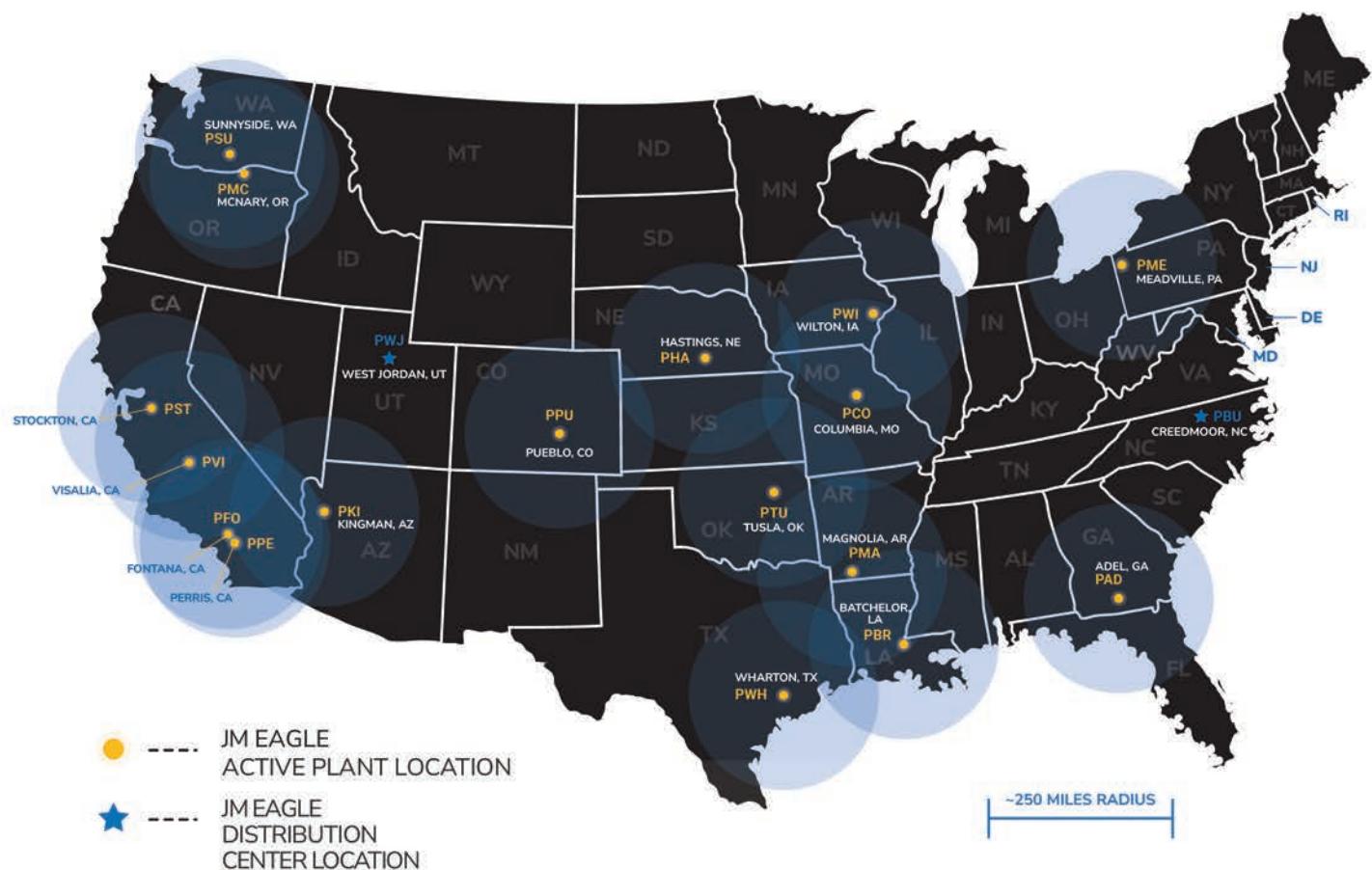
- Meets evolving market needs to stay competitive in plumbing, electrical, and infrastructure sectors.
- Supports American jobs and local economies through domestic production and distribution.
- Committed to delivering life's essentials with eco-friendly, reliable pipe products that support health and quality of life worldwide.





MADE IN AMERICA

STRATEGIC MANUFACTURING LOCATIONS





THE INTERSECTION OF EXCELLENCE

LARGEST SELECTION

The only manufacturer offering every type of plastic pipe, from PVC, PE to ABS, serving diverse needs.



BEST VALUE

Innovative high-quality products, sustainably manufactured and offered at competitive prices.

SERVICE

Reliable, on-time delivery backed by Ascending Eagle Trucks and a focus on service, reliability, and consistency. Clear communication and reliable, consistent product stocks create a customer-first approach.



TEAM



WALTER WANG JR.

Executive Vice President
of Sales, Marketing, HR & IT

5200 W. Century Blvd.
Los Angeles, CA 90045
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PLUMBING MEDIA

WELCOME TO JM EAGLE'S PERRIS, CA PLANT



SCAN HERE TO WATCH PERRIS FILM



OREGON IS BUILDING
THE FUTURE OF AMERICA'S MODERN INFRASTRUCTURE

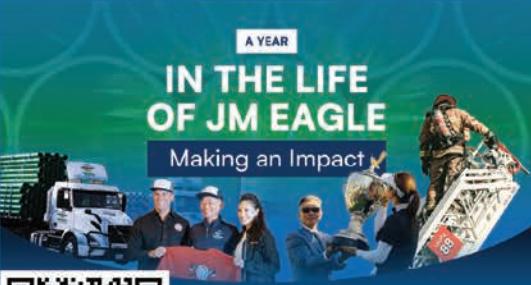


McNary Plant UMATILLA, OR

SCAN HERE TO WATCH MCNARY FILM



A YEAR IN THE LIFE OF JM EAGLE
Making an Impact



SCAN HERE TO WATCH OUR IMPACT



CORPORATE FILM



SCAN HERE TO WATCH CORPORATE FILM



VISALIA, CALIFORNIA
THE FUTURE OF AMERICA'S IRRIGATION & AGRICULTURAL INFRASTRUCTURE



SCAN HERE TO WATCH VISALIA FILM



PLUMBING



SCAN HERE TO WATCH OUR PLUMBING





PLUMBING DIVISION

ECOCORE™

[Product One Sheet >](#)



MODERN
INFRASTRUCTURE
MADE IN AMERICA



EcoCore™

- Innovative design & tested to the highest standards
- Available in 4-inch, 6-inch & 8-inch diameters
- Up to 20% lighter than traditional D3034 Sewer Pipe
- Meets all D3034 physical testing requirements
- Suitable for the same applications as traditional sewer pipe

- Lower carbon footprint, while maintaining simple/industry standard installation and design
- Lighter weight makes for more efficient transport.
- Reduction in product weight makes noticeable difference during installation
- Durable & corrosion-proof for long-lasting performance
- Proudly made in Meadville, Pennsylvania

For the Pros

- Made of up to 50% recycled materials
- EcoCore is lighter, so it is easier to transport and install
- More sustainable than traditional D3034 & Environmentally friendly



Corporate Film



Perris Film



17 Manufacturing plants

2 Distribution centers





ASTM F1760
ASTM F1784
Cell Class 12454/12364

MARKETS

SEWER

PLUMBING

DESCRIPTION



ECOCORE™

Nominal Laying Length:

14/20'

(Laying length tolerances are in accordance with approval standards)

PIPE SIZES

4", 6", 8"

PIPE COLOR

GREEN

- MADE IN THE USA**
- THE ONLY PIPE MANUFACTURER IN THE USA THAT IS MBE CERTIFIED**



BENEFITS

INSTALLATION

- EcoCore™ is lighter, so it is easier to transport and install
- Reduction in product weight makes noticeable difference during installation
- Lower carbon footprint, while maintaining simple/industry standard installation and design
- Lighter weight makes for more efficient transport.

FEATURES

- Made of up to 50% recycled materials
- Innovative design & tested to the highest standards
- Up to 20% lighter than traditional D3034 Sewer Pipe
- Meets all D3034 physical testing requirements
- Suitable for the same applications as traditional sewer pipe
- More sustainable than traditional D3034 & Environmentally friendly
- Durable & corrosion proof for long lasting performance



50% RECYCLED MATERIALS

PROUDLY MADE IN MEADVILLE, PA



SUBMITTAL AND DATA SHEET

CELLULAR CORE CONDUIT

PIPE SIZE (IN)	AVG. O.D. (ID)	NOM. I.D. (IN)	MIN. T. (IN)	PIPE STIFFNESS (PSI)
4	4.215	3.963	0.120	46
6	6.275	5.897	0.180	46
8	8.400	7.896	0.240	46

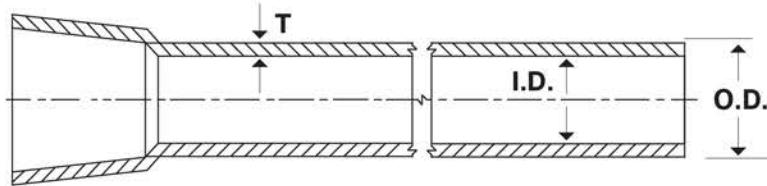
TESTED TO MEET

ASTM F1760
ASTM F1784
Cell Class 12454/12364

NOMINAL LAYING LENGTH

14/20'

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



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter





PLUMBING DIVISION



ABS SOLVENT WELD DWV - SOLID / CELLULAR CORE

NON-PRESSURE-RATED ACRYLONITRILE
BUTADIENE STYRENE (ABS) PIPE

[Product One Sheet >](#)

ABS Solvent Weld DWV | SOLID/CELLULAR CORE

NON-PRESSURE-RATED ACRYLONITRILE BUTADIENE STYRENE (ABS) PIPE



SOLID CORE: ASTM D2661, CSA B181.1



CELLULAR CORE: ASTM F628

ASTM D3965 Cell Class 42222
ANSI/NSF 61/14,
Uniform Plumbing Code

MARKETS

PLUMBING

DRAIN WASTE VENT

DESCRIPTION



SOLID CORE

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

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

PIPE COLOR

BLACK

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

BLACK

ASTM

D2661

F628

Schedule 40

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.
- It can be field cut with a power saw or ordinary handsaw without the use of expensive or complicated machinery.
- Easy to load, transport and handle. Installers prefer it because it goes into the ground quickly, saving installation costs.
- It can be connected directly to most plumbing and IPS fixtures without complicated procedures or adapters, as well as into CIOD fittings with adapters and/or transition gaskets.

Proudly made in
Stockton, CA

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.
- Ideal for cold weather climates.



SUBMITTAL AND DATA SHEET

SOLID CORE: ASTM D2661 & CSA B181.1

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	APPROX.WGT (LBS/FT)	PIPE STIFFNESS (PSI)
Schedule 40 /DWV					
1/2	1.900	1.595	0.145	0.383	630
2	2.375	2.051	0.154	0.515	370
3	3.500	3.046	0.216	1.069	320
4	4.500	4.002	0.237	1.523	190
6	6.620	6.032	0.280	2.620	95

CELLULAR CORE: ASTM F628

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	APPROX.WGT (LBS/FT)	PIPE STIFFNESS (PSI)
Schedule 40 /DWV					
1/2	1.900	1.595	0.145	0.277	535
2	2.375	2.051	0.154	0.373	300
3	3.500	3.046	0.216	0.737	280
4	4.500	4.002	0.237	1.058	175
6	6.614	6.026	0.280	1.870	75

PRODUCT STANDARD

SOLID CORE

ASTM D2661, CSA B181.1

CELLULAR CORE

ASTM F628

CERTIFICATION

ANSI/NSF 61, ANSI/NSF 14*

NOMINAL LAYING LENGTH

10/20 feet

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

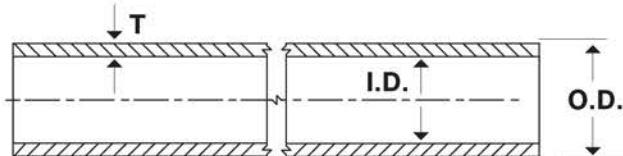
Manning Coefficient (n) = 0.009

INSTALLATION

JM Eagle™ Solvent Weld Weld
Installation Guide.

PIPE END FINISH

Plain End



T - Wall Thickness

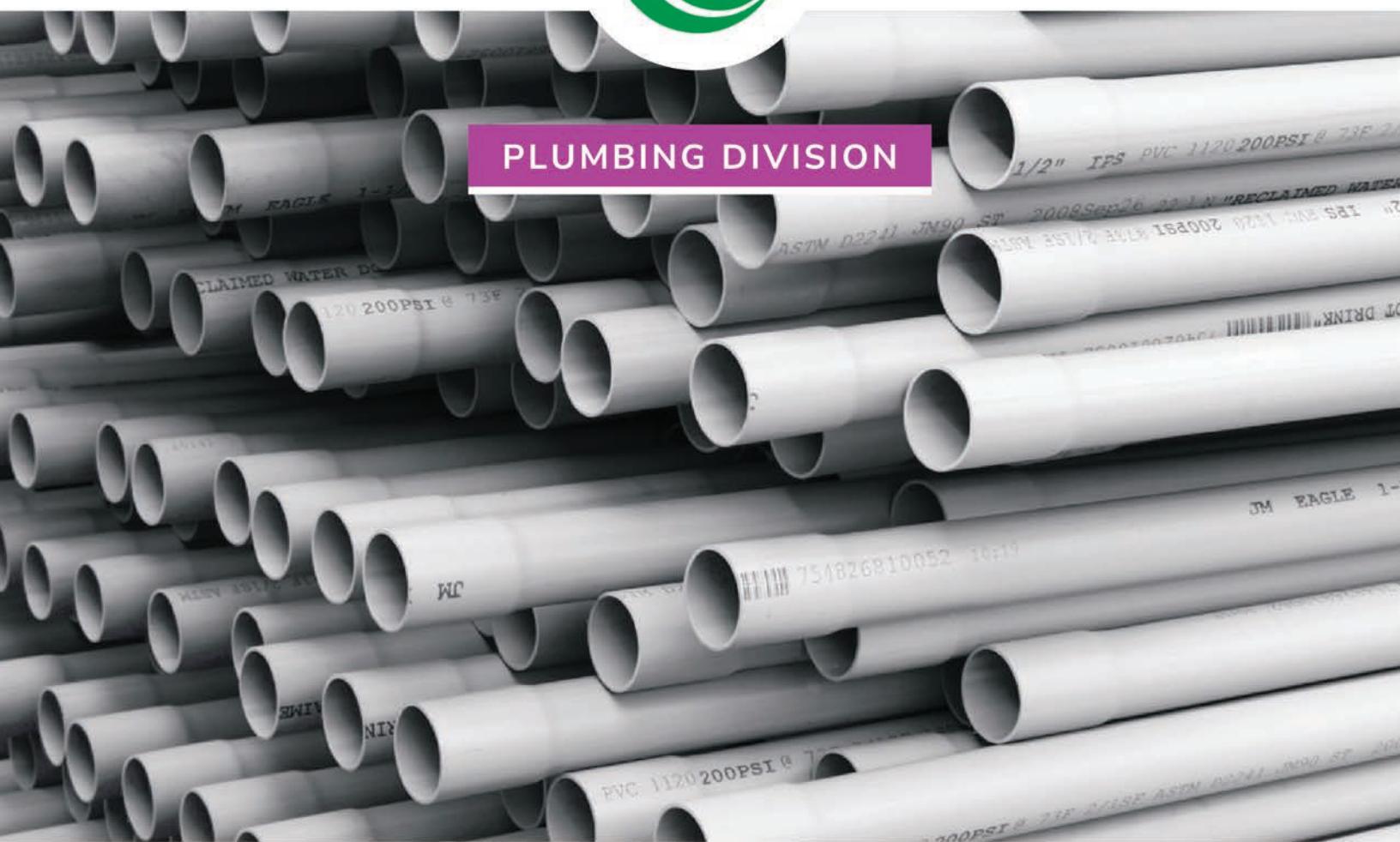
I.D. - Inside Diameter

O.D. - Outside Diameter





PLUMBING DIVISION



SOLVENT WELD - SDR SERIES

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

Solvent Weld

SDR
SERIES

PRESSURE-RATED PVC PIPE



ASTM D2241, ASTM D1784 Cell Class 12454
ANSI/NSF 61/14, Uniform Plumbing Code



MARKETS



IRRIGATION



RECLAIM



PLUMBING



DRAINAGE

DESCRIPTION



SOLVENT WELD - SDR SERIES

Nominal Laying Length:

20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

1/2", 3/4", 1", 1 1/4", 1 1/2",
2", 2 1/2", 3", 3 1/2", 4", 5",
6", 8", 10", 12"

PIPE COLOR

WHITE

PURPLE

(Marked for Reclaim only)*

ASTM D1785

100 psi	SDR 41
125 psi	SDR 32.5
160 psi	SDR 26
200 psi	SDR 21
250 psi	SDR 17
315 psi	SDR 13.5



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

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)
Pressure Class 100psi (SDR 41)			
3	3.500	3.321	0.085
3½	4.000	3.794	0.098
4	4.500	4.269	0.110
5	5.563	5.277	0.136
6	6.625	6.284	0.162
8	8.625	8.184	0.210
10	10.750	10.199	0.262
12	12.750	12.096	0.311
Pressure Class 125psi (SDR 32.5)			
1¼	1.660	1.534	0.060
1½	1.900	1.774	0.060
2	2.375	2.221	0.073
2½	2.875	2.690	0.088
3	3.500	3.273	0.108
3½	4.000	3.741	0.123
4	4.500	4.210	0.138
5	5.563	5.203	0.171
6	6.625	6.196	0.204
8	8.625	8.068	0.265
10	10.750	10.054	0.331
12	12.750	11.926	0.392
Pressure Class 160psi (SDR 26)			
1	1.315	1.189	0.060
1¼	1.660	1.526	0.064
1½	1.900	1.747	0.073
2	2.375	2.184	0.091
2½	2.875	2.644	0.110
3	3.500	3.217	0.135
3½	4.000	3.677	0.154
4	4.500	4.137	0.173
5	5.563	5.114	0.214
6	6.625	6.090	0.255
8	8.625	7.928	0.332
10	10.750	9.883	0.413
12	12.750	11.721	0.490

SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)
Pressure Class 200psi (SDR 21)			
3/4	1.050	0.924	0.060
1	1.315	1.183	0.063
1 1/4	1.660	1.494	0.079
1 1/2	1.900	1.711	0.090
2	2.375	2.138	0.113
2 1/2	2.875	2.587	0.137
3	3.500	3.149	0.167
3 1/2	4.000	3.601	0.190
4	4.500	4.051	0.214
5	5.563	5.007	0.265
6	6.625	5.961	0.316
8	8.625	7.764	0.410
10	10.750	9.677	0.511
12	12.750	11.477	0.606
Pressure Class 250psi (SDR 17)			
3/4	1.050	0.920	0.062
1	1.315	1.153	0.077
1 1/4	1.660	1.454	0.098
1 1/2	1.900	1.665	0.112
2	2.375	2.081	0.140
2 1/2	2.875	2.520	0.169
3	3.500	3.067	0.206
3 1/2	4.000	3.507	0.235
4	4.500	3.944	0.265
5	5.563	4.876	0.327
6	6.625	5.806	0.390
8	8.625	7.558	0.508
10	10.750	9.423	0.632
12	12.750	11.175	0.750

SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)
Pressure Class 315psi (SDR 13.5)			
1/2	0.840	0.710	0.062
3/4	1.050	0.886	0.078
1	1.315	1.111	0.097
1 1/4	1.660	1.402	0.123
1 1/2	1.900	1.604	0.141
2	2.375	2.005	0.176
2 1/2	2.875	2.428	0.213
3	3.500	2.956	0.259
3 1/2	4.000	3.378	0.296
4	4.500	3.801	0.333
5	5.563	4.698	0.412
6	6.625	5.594	0.491

PRODUCT STANDARD

ASTM D2241

CERTIFICATION

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

NOMINAL LAYING LENGTH

20 feet

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

PIPE COMPOUND

ASTM D1784 Cell Class 12454

Water pressure rating measured
at 23°C (73°F)

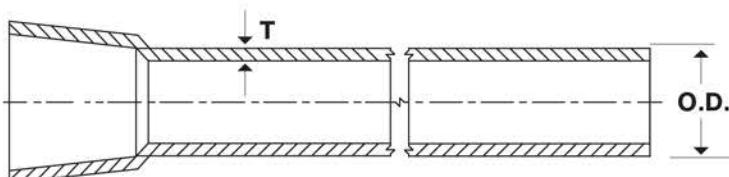
INSTALLATION

JM Eagle™ Solvent Weld
Installation Guide.

PIPE END FINISH

Bell End, Plain End

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



T - Wall Thickness

O.D. - Outside Diameter





PLUMBING DIVISION

SOLVENT WELD - SCH SERIES

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

Solvent Weld | SCHEDULE SERIES

PRESSURE-RATED PVC PIPE



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



MARKETS



IRRIGATION



RECLAIM



PLUMBING



DRAIN, WASTE AND VENT

DESCRIPTION



SOLVENT WELD - SCH SERIES

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

1/2", 3/4", 1", 1 1/4", 1 1/2",
2", 2 1/2", 3", 4", 5", 6",
8", 10", 12", 14", 16"

PIPE COLOR

Schedule 40:

WHITE

PURPLE*

(Marked for Reclaim only)*

ASTM D1785

Schedule 40

1/2"	600 psi
3/4"	480 psi
1"	450 psi
1 1/4"	370 psi
1 1/2"	330 psi
2"	280 psi
2 1/2"	300 psi
3"	260 psi

ASTM D1785

Schedule 40

3 1/2"	240 psi
4"	220 psi
5"	190 psi
6"	180 psi
8"	160 psi
10"	140 psi
12-16"	130 psi



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.



SUBMITTAL AND DATA SHEET

SCHEDULE 40

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						
1/2	0.840	0.609	0.109	600	0.164	5923
3/4	1.050	0.810	0.113	480	0.218	3134
1	1.315	1.033	0.133	450	0.324	2545
1 1/4	1.660	1.363	0.140	370	0.439	1396
1 1/2	1.900	1.593	0.145	330	0.525	1008
2	2.375	2.049	0.154	280	0.705	596
2 1/2	2.875	2.445	0.203	300	1.114	783
3	3.500	3.042	0.216	260	1.463	508
4	4.500	3.998	0.237	220	2.085	307
6	6.625	6.031	0.280	180	3.665	154
8	8.625	7.942	0.322	160	5.519	104
10	10.750	9.976	0.365	140	7.787	78
12	12.750	11.889	0.406	130	10.296	64
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 D1785, ASTM D2665

PIPE COMPOUND

ASTM D1784 Cell Class 12454

INSTALLATION

JM Eagle™ Solvent Weld Installation Guide.

CERTIFICATION

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

PIPE END FINISH

Bell End*, Plain End

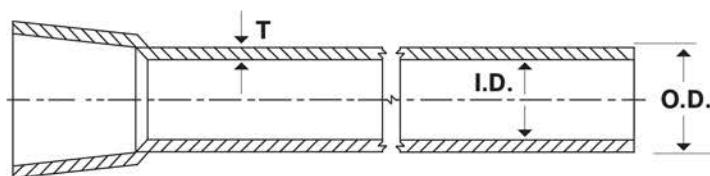
NOMINAL LAYING LENGTH

10/20 feet

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

Water pressure rating measured at 23°C (73°F)

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



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter





PLUMBING DIVISION

SCHEDULE SERIES

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

SCHEDULE SERIES

PRESSURE-RATED PVC PIPE



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

MARKETS



IRRIGATION



RECLAIM



PLUMBING



DRAIN, WASTE AND VENT

DESCRIPTION



SOLVENT WELD - SCH SERIES

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

1/2", 3/4", 1", 1 1/4", 1 1/2",
2", 2 1/2", 3", 4", 5", 6",
8", 10", 12"

PIPE COLOR

Schedule 80:
GREY

ASTM D1785

Schedule 80

1/2"	850 psi
3/4"	690 psi
1"	630 psi
1 1/4"	520 psi
1 1/2"	470 psi
2"	400 psi
2 1/2"	420 psi

ASTM D1785

Schedule 80

3"	370 psi
4"	320 psi
6"	280 psi
8"	250 psi
10"	230 psi
12"	230 psi



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.



SCHEDULE SERIES

PRESSURE-RATED PVC PIPE



SUBMITTAL AND DATA SHEET

SCHEDULE 80

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 80						
1/2	0.840	0.528	0.147	850	0.207	17053
3/4	1.050	0.724	0.154	690	0.281	9072
1	1.315	0.936	0.179	630	0.414	6990
1 1/4	1.660	1.255	0.191	520	0.576	3927
1 1/2	1.900	1.476	0.200	470	0.698	2909
2	2.375	1.913	0.218	400	0.966	1844
2 1/2	2.875	2.290	0.276	420	1.472	2140
3	3.500	2.864	0.300	370	1.972	1472
4	4.500	3.786	0.337	320	2.882	948
6	6.625	5.709	0.432	280	5.496	606
8	8.625	7.565	0.500	250	8.346	416
10	10.750	9.493	0.593	230	12.374	356
12	12.750	11.294	0.687	230	17.026	330

PRODUCT STANDARD

ASTM D1785

CERTIFICATION

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

NOMINAL LAYING LENGTH

20 feet

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

PIPE COMPOUND

ASTM D1784 Cell Class 12454

Water pressure rating measured at 23°C (73°F)

INSTALLATION

JM Eagle™ Solvent Weld
Installation Guide.

PIPE END FINISH

Plain End

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





PLUMBING DIVISION



SOLVENT WELD - SEWER/DRAIN

NON-PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

Solvent Weld | Sewer/Drain

NON-PRESSURE-RATED PVC PIPE



ASTM D3034 / D2729

CSA B182.2, ASTM D1784 Cell Class 12454

ANSI/NSF 61/14, Uniform Plumbing Code



MARKETS

PLUMBING

DRAINAGE

SEWER

DESCRIPTION



SOLVENT WELD SEWER/DRAIN

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

ASTM D3034 Sizes:

3", 4", 6", 8"

ASTM D2729 Sizes:

3", 4", 6"

PIPE COLOR

WHITE

ADDITIONAL OPTIONS

ASTM D3034 TYPE PSM

Standard perforations for pipe are two rows of holes $\frac{1}{2}$ " in diameter on 5" centers and 120° apart. This item conforms to ASTM specification prior to Perforation. Perforated pipe does not have ASTM designation on print line.

ASTM D2729

Standard perforations for pipe are two rows of holes $\frac{1}{2}$ " in diameter on 5" centers and 120° apart. Three perforation rows may be available upon request.



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

ASTM D3034 SEWER/DRAIN PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	APPROX.WGT (LBS/FT)	PIPE STIFFNESS (PSI)
3	3.250	3.064	0.093	0.605	46
4	4.215	3.961	0.120	1.013	46
6	6.275	5.893	0.180	2.266	46
8	8.400	7.896	0.240	4.023	46

PRODUCT STANDARD

ASTM D3034 (3"- 8")
CSA B182.2 (4" only)

CERTIFICATION

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

NOMINAL LAYING LENGTH

10/20 feet

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

PIPE COMPOUND

ASTM D1784 Cell Class 12454/12364

PIPE END OPTION

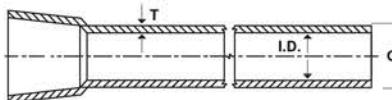
Bell End

INSTALLATION

ASTM D2321 JM Eagle™
Solvent Weld Installation Guide.

ADDITIONAL OPTIONS: PERFORATED*

*(Standard perforations for pipe are two rows
of holes $\frac{1}{2}$ " in diameter on 5" centers and 120° apart.
This item conforms to ASTM specification prior
to Perforation. Perforated pipe does not have ASTM
designation on print line.)



T - Wall Thickness
I.D. - Inside Diameter
O.D. - Outside Diameter

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

ASTM D2729 SEWER/DRAIN PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	APPROX.WGT (LBS/FT)	PIPE STIFFNESS (PSI)
3	3.250	3.102	0.070	0.459	19
4	4.215	4.056	0.075	0.640	11
6	6.275	6.063	0.100	1.273	8

PRODUCT STANDARD

ASTM D2729 (3"- 6")

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 D1784 Cell Class 12454/12364

PIPE END OPTION

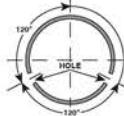
Bell End

INSTALLATION

ASTM F481 JM Eagle™
Solvent Weld Installation Guide.

ADDITIONAL OPTIONS: PERFORATED*

*(Standard perforations for pipe are two rows of holes $\frac{1}{2}$ "
in diameter on 5" centers and 120° angle apart.
Three perforation rows may be available upon request.)



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





PLUMBING DIVISION



SOLVENT WELD DWV - SOLID / CELLULAR CORE

[Product One Sheet >](#)

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.

- 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.



FEATURES

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

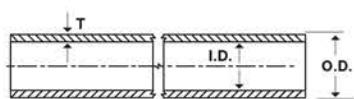
PIPE END FINISH

Bell End*, Plain End

INSTALLATION

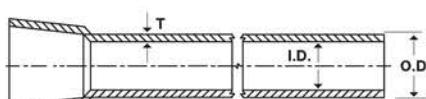
JM Eagle™ Solvent Weld Installation Guide.

ASTM D2949

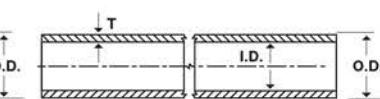


Manning Coefficient (n) = 0.009

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

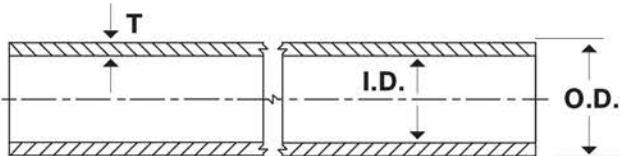
PIPE END FINISH

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





Plumbing Sales Team:
310-693-8413

For more information visit:
www.JMEagle.com

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