



MODERN
INFRASTRUCTURE
MADE IN **AMERICA**

IRRIGATION 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.



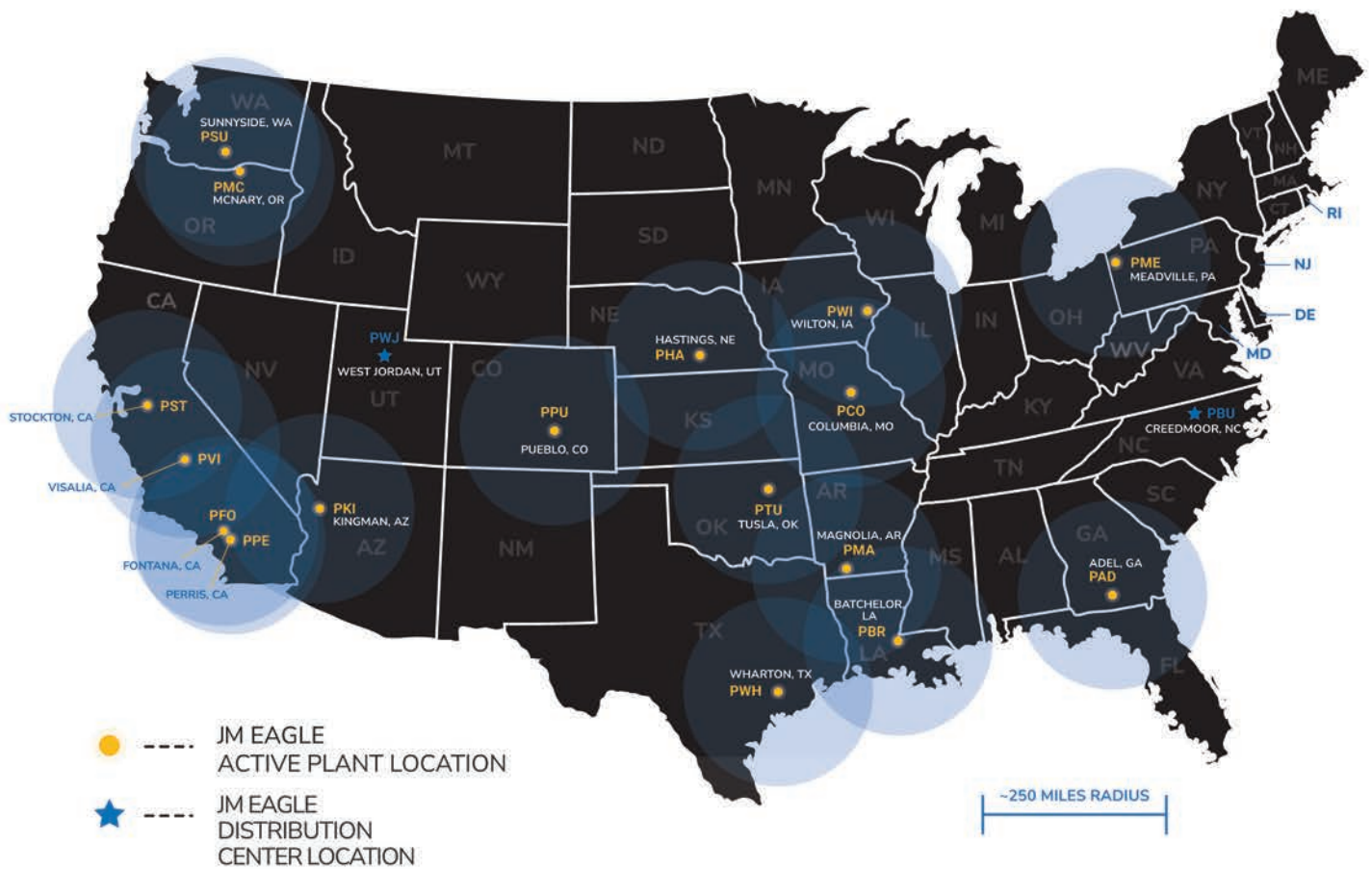
SCAN HERE
TO EXPLORE JM EAGLE





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

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TEAM



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IRRIGATION MEDIA

VISALIA, CALIFORNIA

THE FUTURE
OF AMERICA'S

IRRIGATION & AGRICULTURAL
INFRASTRUCTURE



SCAN HERE TO WATCH
VISALIA FILM

OREGON IS BUILDING

THE FUTURE OF AMERICA'S

MODERN INFRASTRUCTURE



McNary Plant
UMATILLA, OR



SCAN HERE TO WATCH
MCNARY FILM

WORLD AG EXPO 2025



SCAN HERE TO WATCH
WORLD AG FILM



IRRIGATION ASSOCIATION SHOW

LAUNCH OF AGRILOC



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IRRIGATION
ASSOCIATION FILM

JM EAGLE'S WATERWORKS DIVISION



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OUR WATERWORKS
DIVISION

JM EAGLE INTRODUCES

AGRILOC

The most Innovative product in Irrigation



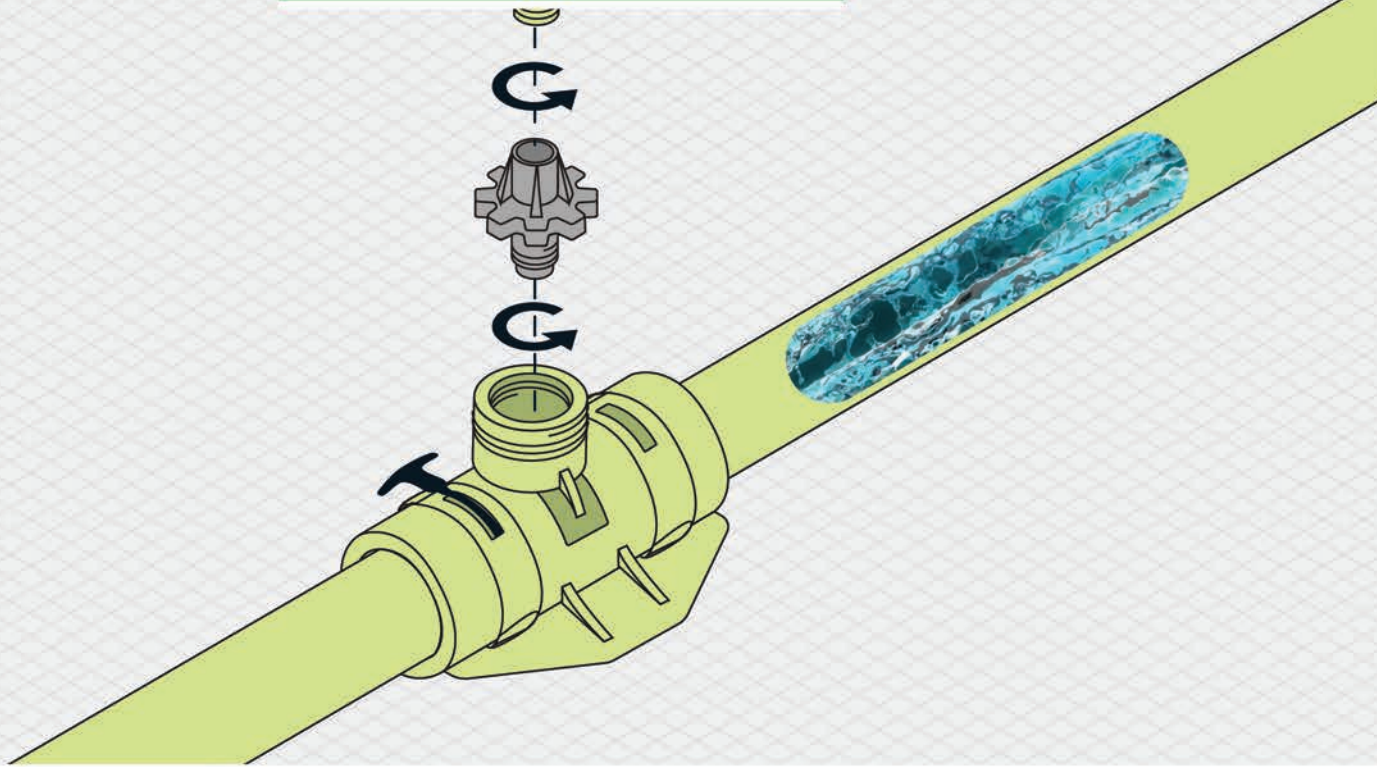
CHUCK CLARK
Senior Vice President
of Production & Engineering



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AGRILOC™



IRRIGATION DIVISION



JM AGRILOC™ - SPLINE LOCKING

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

JM AgriLoc™ | Spline Locking

PRESSURE-RATED PVC PIPE



ASTM D2241,
ASTM D1784



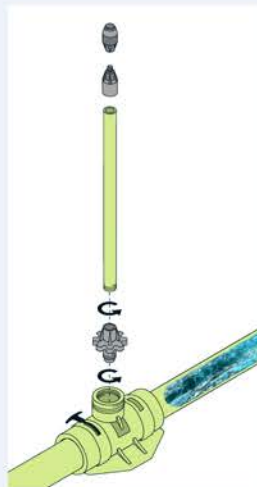
MODERN INFRASTRUCTURE

MARKETS



IRRIGATION

DESCRIPTION



JM AGRILoc™ SPLINE LOCKING

Nominal Laying Length:

15', 19', 20', 30', 40', +1", -1"

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

3.0" OD,
6", 8", 10", 12" (IPS)

PIPE COLOR

LIME GREEN

ASTM D2241

SDR 22.4

SDR 32.5

SDR 41



BENEFITS

INSTALLATION

- **Tool-Free:** Reduces labor costs with an easy, tool-free setup.
- **Low Maintenance Design:** Built with high-quality, durable materials that require minimal upkeep.
- **Cost-Effective Longevity:** Fewer replacements and repairs mean lower total cost of ownership.

FEATURES

- **System:** Adapts seamlessly to any irrigation layout with its modular pipe and coupler system.
- **Assembly:** Enables quick assembly, disassembly and repositioning.
- **Innovation:** Easy-Pull T eliminates back strain and use of pliers - allowing quick and effortless adjustments. New Threaded Risers designed with conservation in mind.
- **Customizability:** Using Male and Female IPS Adaptors, end users can customize the layout to suit any agricultural or system need.
- **Leak-Free Design = Water Efficiency:** Drip systems and advanced piping optimize water use, ensuring precise irrigation and enhanced sustainability.
- **Performance:** Tested under real-world conditions, AgriLoc offers reliable performance with an affordable, low-maintenance design, reducing reliance on costly systems.



SCAN HERE
TO EXPLORE
AGRILOC™

SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	APPROX. I.D. (ID)	MIN. T. (IN)	APPROX. WGT (LBS/FT)	PIPE STIFFNESS (PSI)
SDR 22.4					
3	3.000	2.72	0.134	.80	125
SDR 32.5					
6	6.625	6.196	0.204	2.69	125
8	8.625	8.068	0.265	4.52	125
10	10.750	10.054	0.331	7.04	125
12	12.750	11.926	0.392	9.89	125
SDR 41					
6	6.625	6.284	0.162	2.17	100
8	8.625	8.184	0.210	3.63	100
10	10.750	10.199	0.262	5.61	100
12	12.750	12.096	0.311	7.90	100

PRODUCT STANDARD

ASTM D2241

PIPE COMPOUND

ASTM D1784

NOMINAL LAYING LENGTH

20 feet

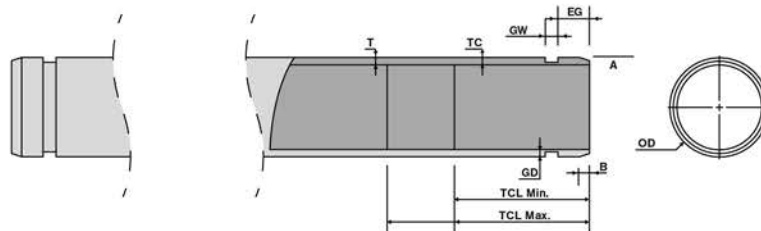
(Laying length tolerances are in accordance with ASTM standards)

INSTALLATION

JM AgriLoc™
Installation Guide

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

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



O.D. - Outside Diameter

TCL - Thickened Section Length

TC - Spigot Wall Thickness

GD - Spline Groove Depth

GW - Spline Groove Width

EG - Spline Groove Distance from Spigot End





IRRIGATION DIVISION

JM EAGLE POLYPIP 3" IPS SDR17 PR125 KI08061925 15:05 MADE IN AMERICA 002 FEET

POLYPIP™ - IPS

PRESSURE-RATED PE PIPE

[Product One Sheet >](#)

PolyPIP™ | IPS

PRESSURE-RATED PE PIPE



MADE IN AMERICA

MARKETS

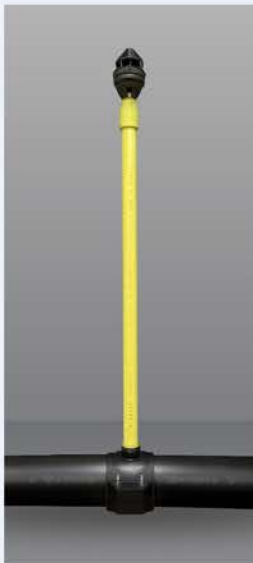


IRRIGATION



AGRICULTURE

DESCRIPTION



PolyPIP™ - IPS

PIPE SIZES

PIPE COLOR

Nominal Laying Length:

3"

BLACK

900'

DR 17

125 psi



Proudly made in Kingman, AZ



BENEFITS

INSTALLATION

- New 2 step lateral lay Agricultural product
- Step 1)** First pass: Put the pipe into the trench and attach saddles as the pipe is shanked into the ground. No need to wait for the pipe to be glued.
- Step 2)** Second pass: Install the saddle, then tap the pipe and add the riser to the PE saddle.

FEATURES

- Save 33% on labor costs
- Long seamless laying lengths. (Up to 1,000 linear feet on a single reel)
- Compatible with industry standard OD sized fittings
- PE = increased ductility while maintaining required hydrostatic pressure properties
- Made with 100% recycled materials
- Compatible with JM Eagle components like AgriLoc Risers
- Ideal for Solid Set Irrigation Systems
- Ideal for use in conjunction with small to large size trenching equipment
- Highly Durable & Impact Resistant



Check www.jmeagle.com/warranty for full details.

SUBMITTAL AND DATA SHEET

IRON PIPE SIZE (IPS) PRESSURE PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	MIN. T. (IN)	AVG. I.D. (IN)	APPROX. WGT (LBS/FT)
DR 17 (125 psi)				
3"	3.500	0.206	3.065	0.925

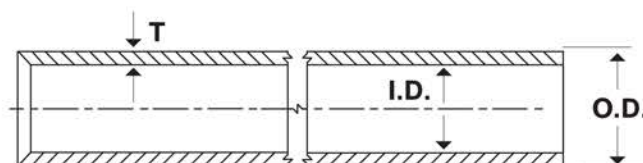
NOMINAL LAYING LENGTH

900'

I.D. - Inside Diameter

O.D. - Outside Diameter

T - Wall Thickness






IRRIGATION DIVISION

JM Eagle U.S. GREEN BUILDING COUNCIL MEMBER 3/4" SCH40 SOLAR BLOK PVC 1120 480PSI@73F ASTM

 JM Eagle U.S. GREEN BUILDING COUNCIL MEMBER 1" SCH40 SOLAR BLOK PVC 1120 480PSI@73F ASTM

 JM Eagle 1-1/4" SCH40 SOLAR BLOK PVC 370PSI@73F ASTM

 JM Eagle U.S. GREEN BUILDING COUNCIL MEMBER 1-1/2" SCH40 PVC 1120 330PSI@73F ASTM

SOLAR BLOK™

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

Solar Blok™

PRESSURE-RATED PVC PIPE



ASTM D1785, ASTM D2665,
ASTM D1784 Cell Class
12454 Uniform Plumbing Code



MADE IN AMERICA

MARKETS



IRRIGATION



LANDSCAPE



POOL

DESCRIPTION



SOLAR BLOK™

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", 4"

PIPE COLOR

Schedule 40:

BROWN

ASTM D1785

Schedule 40



BENEFITS

INSTALLATION

- Field-cut with a power saw or handsaw; bevel without complicated machinery.
- Lightweight and ideal for manual installation, this beige color helps blend in with the landscape and dirt.

FEATURES

- **ULTRAVIOLET RESISTANT:** PVC material is specially formulated to increase resistance to ultraviolet rays.
- Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.
- Pipe is produced with integral Solvent Weld bells.



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	5928
3/4	1.050	0.810	0.113	480	0.218	3136
1	1.315	1.033	0.133	450	0.324	2547
1 1/4	1.660	1.363	0.140	370	0.439	1397
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	1.118	784
3	3.500	3.042	0.216	260	1.463	509
4	4.500	3.998	0.237	220	2.083	307

PRODUCT STANDARD

ASTM D1785

PIPE END FINISH

Bell End

NOMINAL LAYING LENGTH

20 feet

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

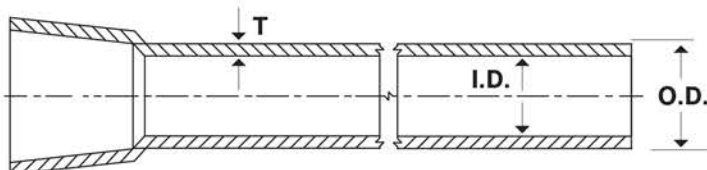
INSTALLATION

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
I.D. - Inside Diameter
O.D. - Outside Diameter





WATERWORKS DIVISION

IPS PRESSURE - RING-TITE

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

IPS Pressure | Ring-Tite

PRESSURE-RATED PVC PIPE



MADE IN AMERICA



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

GASKETS: ASTM F477

JOINTS: ASTM D3139

MARKETS



POTABLE



IRRIGATION



RECLAIM



SEWER



PLUMBING

DESCRIPTION



IPS PRESSURE - RING TITE

Nominal Laying Length:

20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

1½" 2" 2½" 3" 4"
5" 6" 8" 10" 12"

PIPE COLOR

BLUE

GREEN

PURPLE

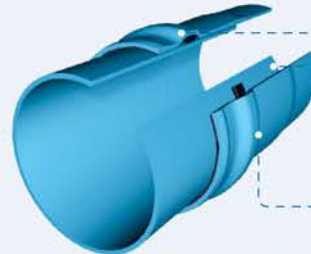
WHITE

RING-TITE JOINT

Flexible elastomeric Rieber® locked-in gasket provides a tight seal that protects and compensates for expansion, contraction, vibration, or other movements.

Quick and easy to assemble with a simple push, there's no field mixing or application of cement.

Meets or exceeds ASTM D3139 for joint tightness, including a 22-inchHg vacuum and a 25-foot head pressure test.



• Rieber® sealing ring provides tight, flexible seal.

• Spigot pipe ends are supplied from the factory with bevels.

• The bell is an integral part of the pipe length with the same strength.

ASTM D2241

63 psi	SDR 64
100 psi	SDR 41
125 psi	SDR 32.5
160 psi	SDR 26
200 psi	SDR 21
250 psi	SDR 17

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 and material costs.

SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	AVG. E. (IN)	APPROX. D°	APPROX. WGT (LBS/FT)
PRESSURE CLASS: 250 psi (SDR 17)*						
PIPE STIFFNESS: 437 psi						
1½	1.900	1.641	0.112	3.575	2.39	0.416
2	2.375	2.078	0.140	3.825	2.94	0.652
3	3.500	3.063	0.206	4.325	4.32	1.416
4	4.500	3.938	0.265	4.625	5.56	2.350
6	6.625	5.603	0.390	5.325	8.19	5.097
8	8.625	7.553	0.508	6.025	10.66	8.668
10	10.750	9.410	0.632	6.825	13.28	13.514
12	12.750	11.160	0.750	8.225	15.75	19.147
PRESSURE CLASS: 200 psi (SDR 21)*						
PIPE STIFFNESS: 224 psi						
1½	1.900	1.709	0.090	3.575	2.26	0.339
2	2.375	2.135	0.113	3.825	2.83	0.527
2½	2.875	2.585	0.137	4.075	3.42	0.781
3	3.500	3.146	0.167	4.325	4.17	1.155
4	4.500	4.046	0.214	4.625	5.36	1.904
6	6.625	5.955	0.316	5.325	7.89	4.161
8	8.625	7.754	0.410	6.025	10.27	7.090
10	10.750	9.667	0.511	6.825	12.79	10.964
12	12.750	11.465	0.606	8.225	15.17	15.525
PRESSURE CLASS: 160 psi (SDR 26)*						
PIPE STIFFNESS: 115 psi						
1½	1.900	1.745	0.073	3.575	2.19	0.277
2	2.375	2.182	0.091	3.825	2.74	0.429
2½	2.875	2.642	0.110	4.075	3.32	0.634
3	3.500	3.214	0.135	4.325	4.04	0.948
4	4.500	4.133	0.173	4.625	5.19	1.554
6	6.625	6.084	0.225	5.325	7.65	3.376
8	8.625	7.921	0.332	6.025	9.95	5.739
10	10.750	9.874	0.413	6.825	12.40	8.984
12	12.750	11.711	0.490	8.225	14.71	12.673

SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	AVG. E. (IN)	APPROX. D°	APPROX. WGT (LBS/FT)
PRESSURE CLASS: 125 psi (SDR 32.5)*						
PIPE STIFFNESS: 57 psi						
2	2.374	2.220	0.073	3.825	2.67	0.350
2½	2.875	2.688	0.088	4.075	3.23	0.511
3	3.500	3.271	0.108	4.325	3.93	0.764
4	4.500	4.207	0.138	4.625	5.05	1.249
6	6.625	6.193	0.204	5.325	7.44	2.749
8	8.625	8.063	0.265	6.025	9.69	4.664
10	10.750	10.048	0.331	6.825	12.07	7.298
12	12.750	11.919	0.392	8.225	14.32	10.320
PRESSURE CLASS: 100 psi (SDR 41)*						
PIPE STIFFNESS: 28 psi						
4	4.500	4.267	0.110	4.625	4.94	1.011
6	6.625	6.282	0.162	5.325	7.27	2.197
8	8.625	8.180	0.210	6.025	9.47	3.717
10	10.750	10.195	0.262	6.825	11.80	5.811
12	12.750x	12.091	0.311	8.225	13.99	8.236
PRESSURE CLASS: 63 psi (SDR 64)*						
PIPE STIFFNESS: 7 psi						
8	8.625	8.33	0.135	6.025	9.30	2.399
10	10.750	10.39	0.168	6.825	11.50	3.761
12	12.750	12.32	0.199	8.225	13.80	5.317

IPS Pressure | Ring-Tite

PRESSURE-RATED PVC PIPE



SUBMITTAL AND DATA SHEET

PRODUCT STANDARD

ASTM D2241

GASKET

ASTM F477

CERTIFICATIONS

ANSI/NSF 61, ANSI/NSF 14*,
Uniform Plumbing Code*
CSA B137.3

PIPE COMPOUND

ASTM D1784 Cell Class 12454

INTEGRAL BELL JOINT

ASTM D3139

NOMINAL LAYING LENGTH

20/22 feet

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

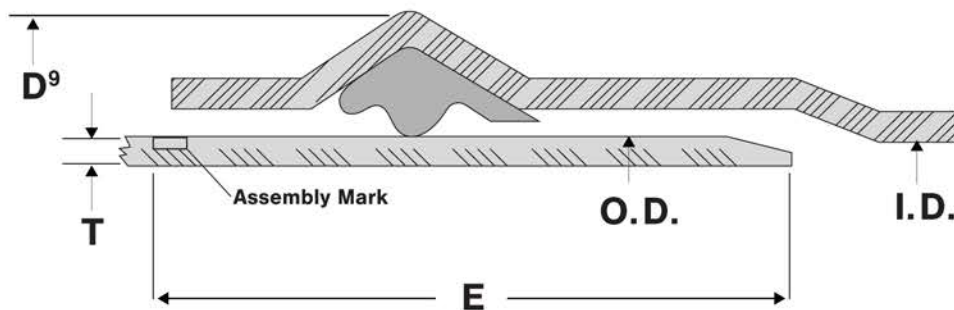
Manning Coefficient (n) = 0.009 - Hazen-Williams Coefficient (c) = 150

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

*This item is also available with an Eagle Loc Joint. Please call for more details.

INSTALLATION

JM Eagle™ IPS Pressure Installation Guide



I.D. - Inside Diameter

E - Distance between
Assembly Marks and
the end of the spigot.

T - Minimum Wall
Thickness

D⁹ - Bell Outside Diameter

O.D. - Outside Diameter





IRRIGATION DIVISION



IRRIGATION PIP - RING-TITE

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

Irrigation PIP | Ring-Tite

PRESSURE-RATED PVC PIPE



MADE IN AMERICA



ASTM D2241
ASTM D1785 Cell Class 12454

GASKETS: ASTM F477

JOINTS: ASTM D3139

MARKETS



IRRIGATION

DESCRIPTION



IRRIGATION PIP - RING TITE

Nominal Laying Length:

20/22 feet

(Laying length tolerances are in accordance with NRCS standards)

PIPE SIZES

6", 8", 10", 12", 15",
18", 21", 24", 27"

PIPE COLOR

WHITE

RING-TITE JOINT

Flexible elastomeric Rieber® locked-in gasket provides a tight seal that protects and compensates for expansion, contraction, vibration, or other movements.

Quick and easy to assemble with a simple push. No field mixing or application of cement required.

Meets or exceeds ASTM D3219 for joint tightness, including a 22-inch Hg vacuum and a 25-foot head pressure test.



• Rieber® sealing ring provides tight, flexible seal.

• Spigot pipe ends are supplied from the factory with bevels.

• The bell is an integral part of the pipe length with the same strength.

ASTM D2241

63 psi	SDR 64
100 psi	SDR 41
125 psi	SDR 32.5
160 psi	SDR 26

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 and material costs.

Irrigation PIP | Ring-Tite

PRESSURE-RATED PVC PIPE



SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	AVG. E ₁ (IN)	AVG. E ₂ (IN)	APPROX. D ⁹ (IN)	APPROX. WGT (LBS/FT)
PRESSURE CLASS: 160 psi (SDR 26)*							
15	15.300	14.06	0.588	7.25	-	18.786	18.404
PRESSURE CLASS: 125 psi (SDR 32.5)*							
PIPE STIFFNESS: 57 psi							
6	6.140	5.74	0.189	5.06	-	7.18	2.360
8	8.160	7.63	0.251	5.77	-	9.42	4.180
10	10.200	9.53	0.314	6.89	-	12.67	6.566
12	12.240	11.44	0.377	7.27	-	13.99	9.487
15	15.300	14.30	0.471	7.50	-	18.52	14.817
18	18.701	17.48	0.575	7.12	7.67	22.42	22.110
21	22.047	20.61	0.678	7.88	8.67	26.51	30.859
24	24.803	23.19	0.763	8.47	9.67	29.58	39.548
27	27.953	26.12	0.860	9.41	10.67	31.41	50.026
PRESSURE CLASS: 100 psi (SDR 41)*							
PIPE STIFFNESS: 28 psi							
6	1.900	5.82	0.150	5.06	-	7.10	1.885
8	8.160	7.74	0.199	5.77	-	9.30	3.336
10	10.200	9.67	0.249	6.89	-	12.528	5.217
12	12.240	11.61	0.299	7.27	-	13.82	7.563
15	15.300	14.51	0.373	7.50	-	18.32	11.795
18	18.701	17.73	0.456	7.12	7.67	22.17	17.649
21	22.047	20.91	0.538	7.88	8.67	26.22	24.647
24	24.803	23.52	0.605	8.47	9.67	29.25	31.329
27	27.953	26.51	0.682	9.41	10.67	30.69	39.932
PRESSURE CLASS: 80 psi (SDR 51)*							
PIPE STIFFNESS: 14 psi							
6	6.140	5.89	0.120	5.06	-	7.04	1.516
8	8.160	7.82	0.160	5.77	-	9.22	2.688
10	10.200	9.78	0.200	6.89	-	12.41	4.211
12	12.240	11.73	0.240	7.27	-	13.68	6.079
15	15.300	14.66	0.300	7.50	-	18.15	9.530
18	18.701	17.92	0.366	7.12	7.67	21.96	14.216
21	22.047	21.13	0.432	7.88	8.67	25.97	19.874
24	24.803	23.77	0.486	8.47	9.67	28.98	25.254
27	27.953	26.79	0.548	9.41	10.67	30.15	32.244

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

UPDATED NOVEMBER 2025

SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	AVG. E. (IN)	APPROX. D ⁹	APPROX. WGT (LBS/FT)	APPROX. WGT (LBS/FT)
PRESSURE CLASS: 63 psi (SDR 64)*							
15	15.300	14.78	0.239	7.50	-	18.00	7.651
18	18.701	18.08	0.292	7.12	7.67	21.78	11.394

PRODUCT STANDARD

ASTM D2241

GASKET

ASTM F477

NOMINAL LAYING LENGTH

20/22 feet

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

PIPE COMPOUND

ASTM D1784 Cell Class 12454

INTEGRAL BELL JOINT

ASTM D3139

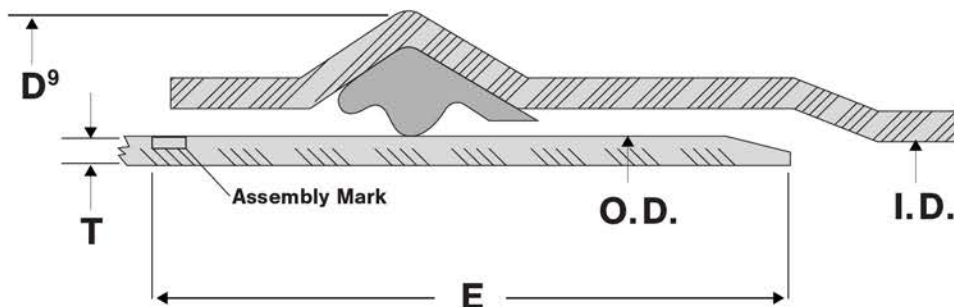
INSTALLATION

JM Eagle™ Irrigation Installation Guide

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

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

** Please call for product and/or listing availability prior to order.



I.D. - Inside Diameter

E - Distance between Assembly Marks and the end of the spigot.

T - Minimum Wall Thickness

D⁹ - Bell Outside Diameter

O.D. - Outside Diameter





IRRIGATION DIVISION



100 FOOT LOW HEAD

LOW-PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

100-Foot Low Head

LOW-PRESSURE-RATED PVC PIPE



MADE IN AMERICA



PIPE DESIGN:
ASAE S376.3 / ASTM D2241 (O.D.)

MARKETS



IRRIGATION

DESCRIPTION



100-FOOT LOW HEAD

Nominal Laying Length:

20/22 feet

(Please call regarding manufacturing standards and specifications.)

PIPE SIZES

P.I.P:

8", 10", 12", 15"

IPS:

18", 20"

PIPE COLOR

WHITE

LOW-PRESSURE APPLICATIONS

SDR 93.5

43 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

- Maintains smooth interior over long years of service.
- Consistent carrying capacity service for savings in pumping and material costs.



100-Foot Low Head

LOW-PRESSURE-RATED PVC PIPE



SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	MIN. T. (IN)	APPROX. I.D. (IN)	APPROX. WGT (LBS/FT)
PRESSURE CLASS 43 psi (SDR 93.5)				
PIPE STIFFNESS: 2.2 psi				
8	8.160	0.087	7.97	1.429
10	10.200	0.109	9.97	2.239
12	12.240	0.131	11.96	3.229
15*	15.300	0.164	14.95	5.053
18	18.360	0.197	17.94	7.284
20	20.400	0.218	19.94	8.957

PIPE DESIGN

ASAE S376.3
ASTM D2241

PIPE END FINISH

Plain End*, Bell End*

NOMINAL LAYING LENGTH

20/22 feet

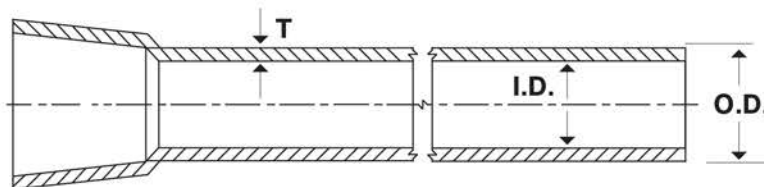
(Please call regarding manufacturing standards and specifications.)

INSTALLATION

JM Eagle™ Irrigation Installation Guide

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

*Please call regarding availability.



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter





IRRIGATION DIVISION

SOLVENT WELD - SDR SERIES

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)



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

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 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)			
¾	1.050	0.924	0.060
1	1.315	1.183	0.063
1¼	1.660	1.494	0.079
1½	1.900	1.711	0.090
2	2.375	2.138	0.113
2½	2.875	2.587	0.137
3	3.500	3.149	0.167
3½	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)			
¾	1.050	0.920	0.062
1	1.315	1.153	0.077
1¼	1.660	1.454	0.098
1½	1.900	1.665	0.112
2	2.375	2.081	0.140
2½	2.875	2.520	0.169
3	3.500	3.067	0.206
3½	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

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

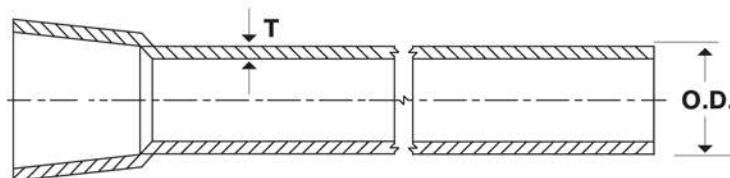
NOMINAL LAYING LENGTH

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 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		ASTM D1785	
Schedule 40		Schedule 40	
1/2"	600 psi	3 1/2"	240 psi
3/4"	480 psi	4"	220 psi
1"	450 psi	5"	190 psi
1 1/4"	370 psi	6"	180 psi
1 1/2"	330 psi	8"	160 psi
2"	280 psi	10"	140 psi
2 1/2"	300 psi	12-16"	130 psi
3"	260 psi		

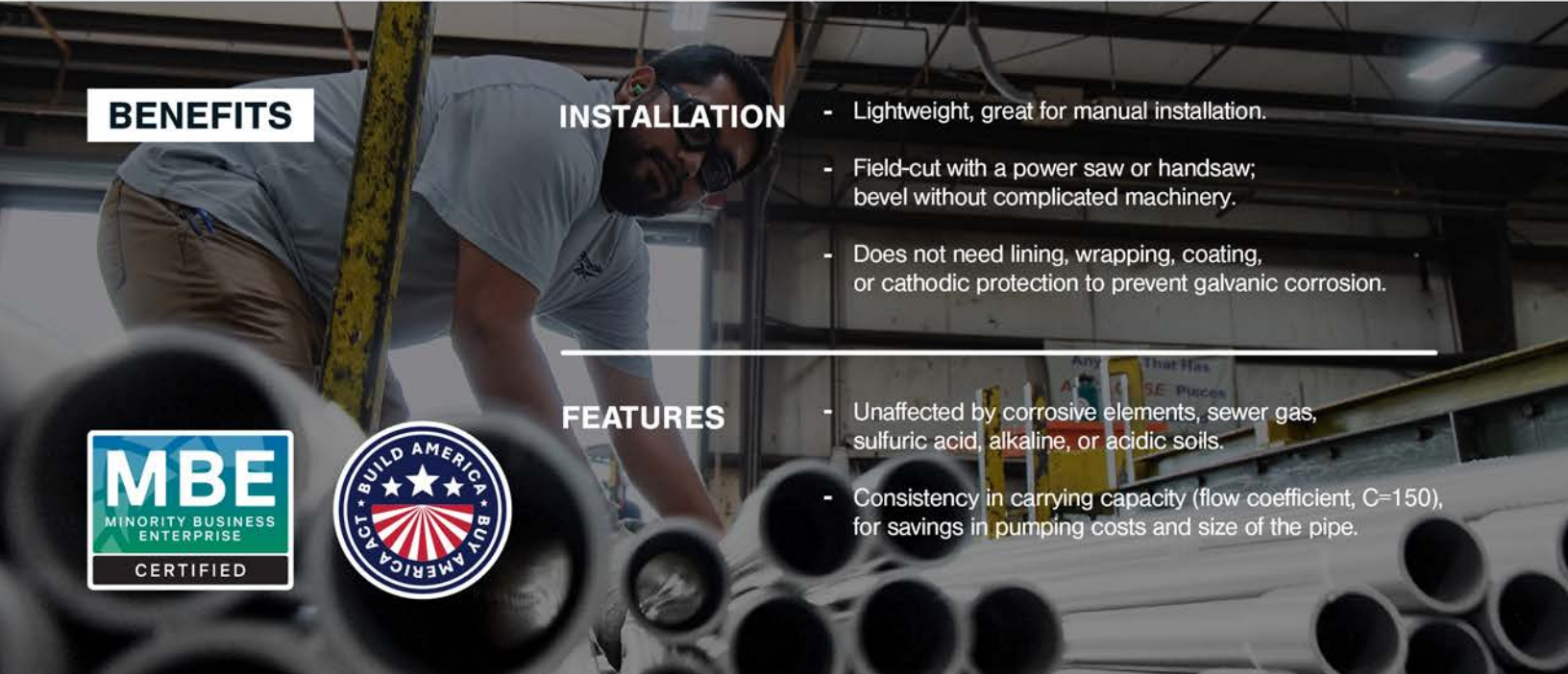
BENEFITS

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 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

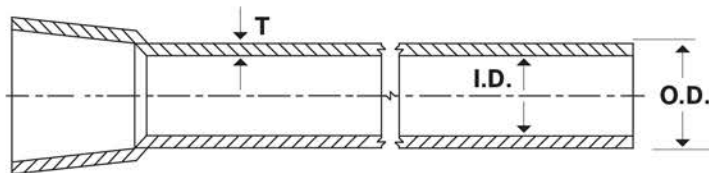
NOMINAL LAYING LENGTH

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		PIPE SIZES	PIPE COLOR
Nominal Laying Length: 10/20 feet <small>(Laying length tolerances are in accordance with ASTM standards)</small>		1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 5", 6", 8", 10", 12"	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

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

Plain End

NOMINAL LAYING LENGTH

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





IRRIGATION DIVISION



THREADED DROP PIPE

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

Threaded Drop Pipe

PRESSURE-RATED PVC PIPE



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



MADE IN AMERICA

MARKETS



POTABLE



IRRIGATION



DRAINAGE



PLUMBING



WELL

DESCRIPTION



THREADED DROP PIPE

Nominal Laying Length:

20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

IPS:

1", 1 1/4", 1 1/2", 2"

PIPE COLOR

WHITE

ASTM D1785

Schedule 80

Schedule 120



BENEFITS

INSTALLATION

- Lightweight, economical and easy to install.
- Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.

FEATURES

- Corrosion-free, highly dependable environmentally friendly product.
- Consistency in carrying capacity (flow coefficient, C=150), for savings for pumping and material costs.
- 1- 1 1/4" threaded couplings using heavy-wall coupling stock for strength and reliability.



Threaded Drop Pipe

PRESSURE-RATED PVC PIPE



SUBMITTAL AND DATA SHEET

SCHEDULE 80 THREADED DROP PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	PRESSURE RATING (psi)	APPROX. WT (LBS/ FT)	PIPE STIFFNESS (PSI)
1	1.315	0.93	0.179	320	0.42	6,995
1¼	1.660	1.25	0.191	260	0.58	3,930
1½	1.900	1.48	0.200	240	0.70	2,911
2	2.375	1.91	0.218	200	0.97	1,845

SCHEDULE 120 DEEP DROP THREADED DROP PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	PRESSURE RATING (psi)	APPROX. WT (LBS/ FT)	PIPE STIFFNESS (PSI)
1	1.315	0.89	0.200	360	0.48	10,318
1¼	1.660	1.20	0.215	300	0.68	5,889
1½	1.900	1.42	0.225	270	0.82	4,333
2	2.375	1.85	0.250	240	1.15	2,911

PRODUCT STANDARD

ASTM D1785

INSTALLATION

JM Eagle™ Drop Pipe
Installation Guide

THREAD

National Pipe Taper (NPT)

CERTIFICATION

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

PIPE COMPOUND

ASTM D1784
Cell Class 12454

PIPE END FINISH

Plain End, both ends with tapered
OD thread. Comes with thread
protectors on both ends of pipe.

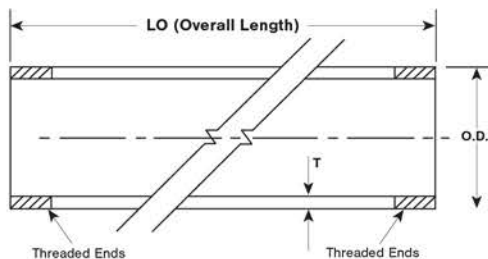
NOMINAL LAYING LENGTH

20 feet

(Laying length tolerances are
in accordance with ASTM standards)

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

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



T - Wall Thickness L.O - Overall Length
O.D. - Outside Diameter Threaded Ends





IRRIGATION DIVISION

WELL CASING / F480

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

SOLVENT WELD

The JM Eagle logo features a stylized eagle head in profile, facing right, with a blue eye. The head is set against a circular background composed of blue and green curved segments. The text "JM Eagle" is written in a bold, black, sans-serif font, with a trademark symbol (TM) to the right of the word "Eagle".

MARKETS



POTABLE



IRRIGATION



DRAINAGE



PLUMBING



WELL

4" IPS SDR 26 160 PSIG/3" F PVC1120 WELL CASING ICC ASTM F460 NSF-wwf ASTM D224 NSF-wwf U.P. CODE M60 PH. 2008 OCT 23 09 23 43

Nominal Laying Length:

20 feet

(Laying length tolerances are in accordance with ASTM standards)

IPS:

2", 4", 4½", 5", 6",
8", 10", 12"

WHITE

ASTM F480 / D2241

SDR 32.5

SDR 26

SDR 21

SDR 17

ASTM F480 / D1785

Schedule 40



BENEFITS

INSTALLATION

- Lightweight, economical and easy to install.
- 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

- Corrosion-free and unaffected by corrosive elements such as acidic soils.
- Consistency in carrying capacity (flow coefficient, $C=150$), for savings for pumping and material costs.



SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	APPROX. I.D. (IN)	MIN. T. (IN)	APPROX. WT/ FT	PIPE STIFFNESS (PSI)
SDR 26 (160 psi)					
4	4.500	4.13	0.173	1.540	112
4½	4.950	4.55	0.190	1.907	112
5	5.563	5.11	0.214	2.414	112
6	6.625	6.08	0.255	3.342	112
8	8.625	7.92	0.332	5.662	112
SDR 21 (200 psi)					
4	4.500	4.05	0.214	1.885	224
4½	4.950	4.45	0.236	2.346	224
5	5.563	5.00	0.265	2.961	224
6	6.625	5.96	0.316	4.101	224
8	8.625	7.76	0.410	7.133	224
SDR 17 (250 psi)					
4	4.500	3.94	0.265	2.309	452
4½	4.950	4.34	0.291	2.859	452
5	5.563	4.87	0.327	3.611	452
6	6.625	5.80	0.390	5.129	452
SCHEDULE 40					
2	2.375	2.05	0.154	0.703	600
4	4.500	4.00	0.237	2.078	310
4½	4.950	4.43	0.248	2.459	268
5	5.563	5.02	0.258	2.887	208
6	6.625	6.03	0.280	3.655	150
8	8.625	7.94	0.322	5.662	100

Well Casing | F480 SOLVENT WELD

PRESSURE-RATED PVC PIPE



SUBMITTAL AND DATA SHEET

PRODUCT STANDARD

ASTM F480,
ASTM D2241
(SDR Series, except for 4.5"),
ASTM D2665
(Schedule 40 except for 4.5"
and 5")
ASTM D1785
(Schedule Series, except
for 4.5")

CERTIFICATION

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

PIPE COMPOUND

ASTM D1784
Cell Class 12454

INSTALLATION

JM Eagle™ Well Casing
Installation Guide.

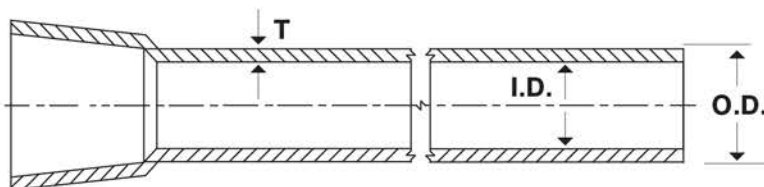
NOMINAL LAYING LENGTH

20 feet

(Laying length tolerances are
in accordance with ASTM standards)

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

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



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter





IRRIGATION DIVISION

WELL CASING / JM WellLoc™

NON-PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

Well Casing | JM Well Loc™

SPLINE
LOCKING



MADE IN AMERICA

NON-PRESSURE-RATED PVC PIPE



ASTM F480, ASTM D1784 Cell Class 12454
ANSI/NSF 61/14, Uniform Plumbing Code

MARKETS



WELL



DRAINAGE

DESCRIPTION



WELL CASING JM WellLoc™ SPLINE LOCKING

Nominal Laying Length:

20 feet

(Laying length tolerances are in accordance with ASTM standards)

PIPE SIZES

IPS:

4", 4½", 5", 6"

PIPE COLOR

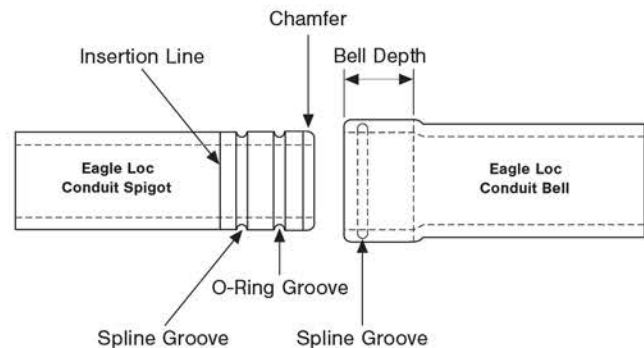
WHITE

ASTM F480

SDR 21

SDR 17

Schedule 40



BENEFITS

INSTALLATION

- Lightweight, economical and easy to install.
- Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.
- The chamfered spigot end makes for easy assembly and disassembly for reuse.

FEATURES

- Corrosion-free and unaffected by corrosive elements such as acidic soils.
- Consistency in carrying capacity (flow coefficient, C=150), for savings for pumping and material costs.



SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	APPROX. I.D. (IN)	MIN. T. (IN)	APPROX. WT/ FT	PIPE STIFFNESS (PSI)
SDR 21 (200 psi)					
5	5.563	5.00	0.265	2.961	224
6	6.625	5.96	0.316	4.101	224
SDR 17 (250 psi)					
4½	4.950	4.34	0.291	2.859	452
5	5.563	4.87	0.327	3.611	452
6	6.625	5.80	0.390	5.129	452
SCHEDULE 40					
4	4.500	4.00	0.237	2.078	310
4½	4.950	4.43	0.248	2.459	268
4½	4.950	4.43	0.248	2.459	268

PRODUCT STANDARD

ASTM F480

INSTALLATION

JM Eagle™
Well Casing/JM WellLoc™
Installation Guide.

CERTIFICATION

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

PIPE COMPOUND

ASTM D1784
Cell Class 12454

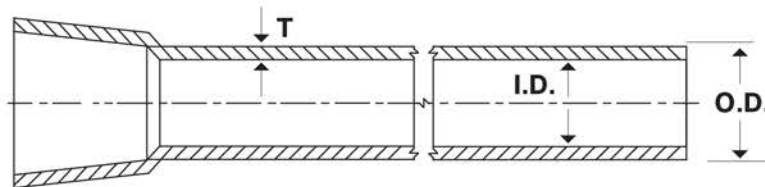
NOMINAL LAYING LENGTH

20 feet

(Laying length tolerances are in accordance with ASTM standards)

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

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



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter





Irrigation Sales Team:
310-693-8414

For more information visit:
www.JMEagle.com

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