



MODERN  
INFRASTRUCTURE  
**MADE IN AMERICA**

IRRIGATION DIVISION  
**Product One-Sheets**

JUNE 2026



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**MODERN  
INFRASTRUCTURE**  
**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.



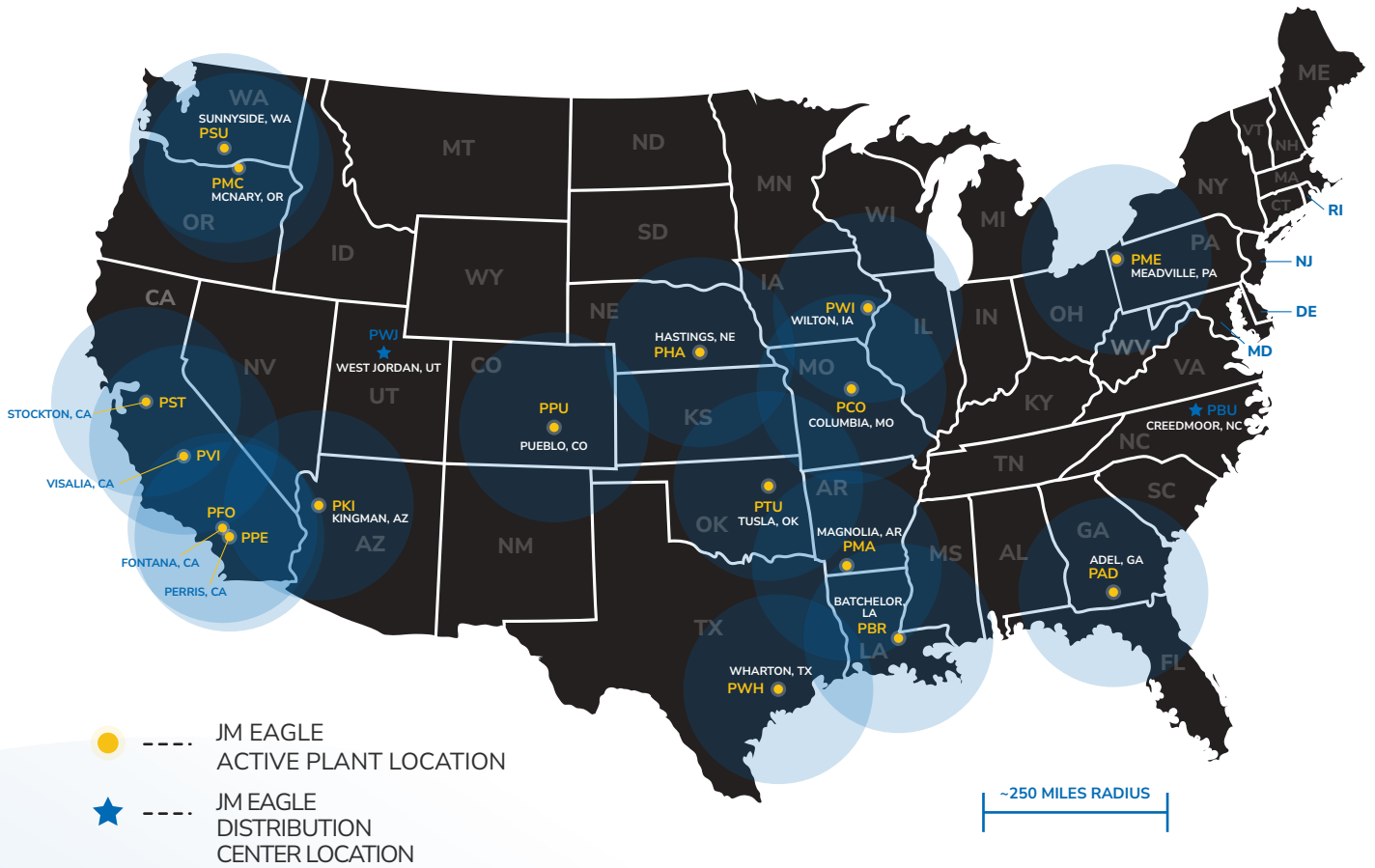
**SCAN HERE** ▶  
**TO EXPLORE JM EAGLE**





MODERN  
INFRASTRUCTURE  
MADE IN AMERICA

# STRATEGIC MANUFACTURING LOCATIONS





# THE INVISIBLE BACKBONE

## of Modern Infrastructure



### 1 AGRICULTURE

#### Sustaining Growth at Scale

Advanced water transport and irrigation systems enabling efficient farming, crop health, and long-term land productivity.

### 2 HOUSING DEVELOPMENTS

#### Connected Communities Start Underground

Reliable pipe networks deliver clean water, safe gas distribution, and protected electrical pathways to homes and neighborhoods.

### 3 PARKS, GARDENS, AND GOLF COURSES

#### Reliable Irrigation, Healthier Landscapes

Durable piping systems support efficient sprinkler networks, helping maintain consistent water delivery across fairways, greens, and landscaped areas.

### 4 STREET & ROAD PROJECTS

#### Federal and City Infrastructure

Durable water, gas, and electrical conduit systems powering transportation corridors, public utilities, and essential municipal services beneath every mile of roadway.

### 5 OFFICE BUILDINGS

#### Infrastructure That Keeps Business Moving

High-performance piping systems supporting building utilities, climate systems, power delivery, and daily operations.

### 6 ICONIC VENUES & MEGA STRUCTURES

#### SoFi Stadium & Sphere Arena

World-class destinations depend on world-class infrastructure-JM Eagle systems support the utilities behind landmark entertainment and sports venues.

### 7 DATA CENTERS

#### Critical Systems. Zero Compromise

Precision-engineered piping protects power, cooling, and utility infrastructure that keeps the digital world online 24/7.

### 8 MANUFACTURING

#### Built for Industrial Performance

Heavy-duty pipe solutions engineered for demanding environments, supporting process systems, utilities, and plant operations.

### 9 WIND & SOLAR ENERGY

#### Supporting Renewable Power Generation

Robust conduit and utility piping systems connecting turbines and solar arrays to the grid and protecting critical energy infrastructure.



# 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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# 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, OH

SCAN HERE TO WATCH MCNARY FILM

**WORLD AG EXPO 2025**

SCAN HERE TO WATCH WORLD AG FILM

**IRRIGATION ASSOCIATION SHOW**  
**LAUNCH OF AGRIOLOC**

SCAN HERE TO WATCH IRRIGATION ASSOCIATION FILM

**JM EAGLE'S WATERWORKS DIVISION**

SCAN HERE TO WATCH OUR WATERWORKS DIVISION

JM EAGLE INTRODUCES  
**AGRILOC**  
The most Innovative product in Irrigation

**CHUCK CLARK**  
Senior Vice President  
of Production & Engineering

SCAN HERE TO WATCH AGRIOLOC™



# IRRIGATION DIVISION

## IRRIGATION, WELL, LANDSCAPE AND POOL INFRASTRUCTURE PRODUCTS

### MATERIALS

PVC

MDPE

### MARKETS

 IRRIGATION

 AGRICULTURE

 LANDSCAPE

 WELL

 POOL

 POTABLE

 RECLAIM

 SEWER

 PLUMBING

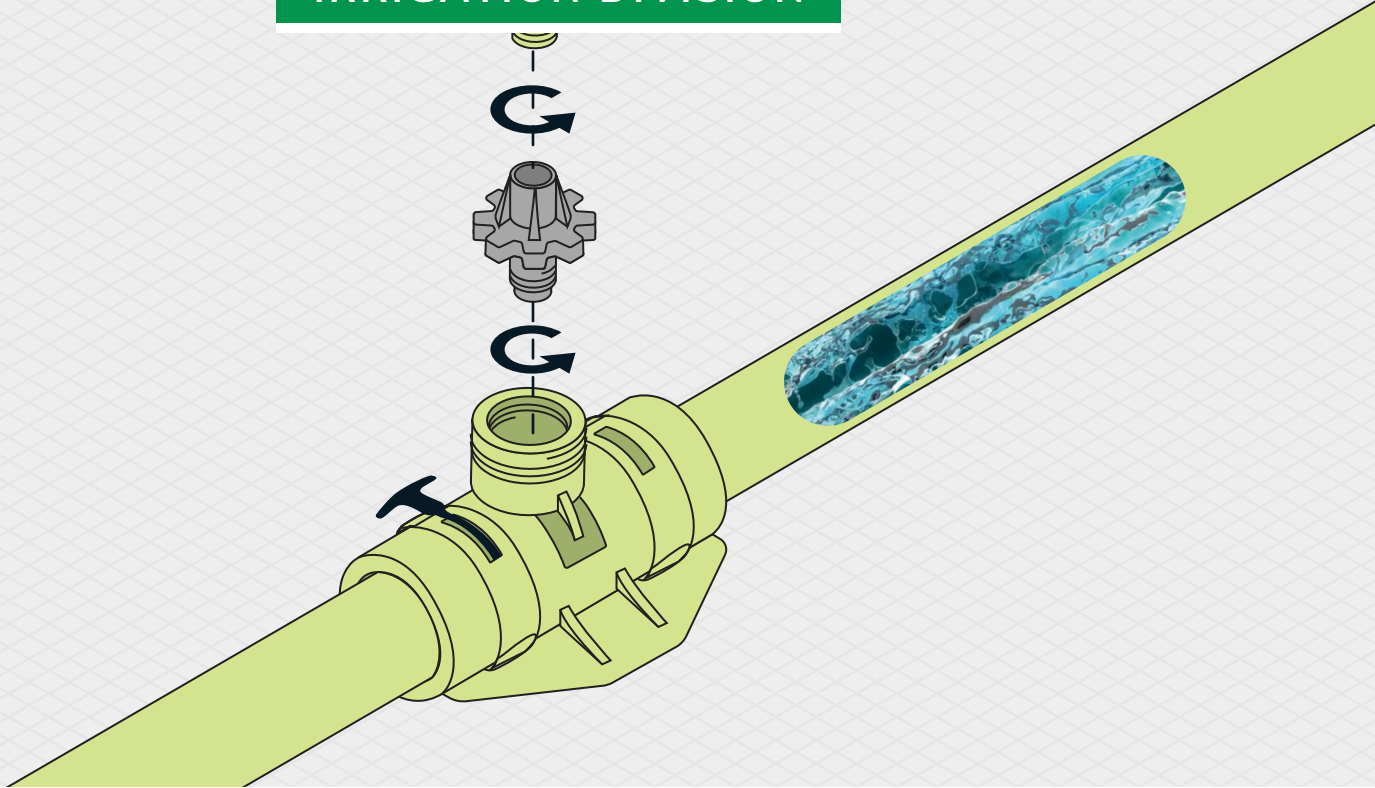
 GAS DISTRIBUTION

 DRAIN/WASTE/VENT





IRRIGATION DIVISION



# JM AGRILOC™ - SPLINE LOCKING

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

# JM AgriLoc™ | Spline Locking

PRESSURE-RATED PVC PIPE



MODERN INFRASTRUCTURE

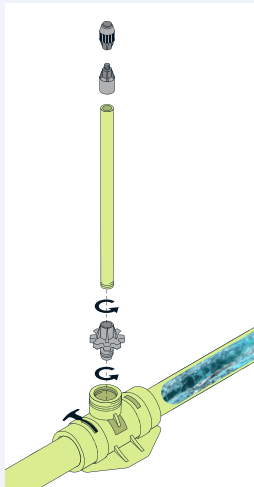


ASTM D2241,  
ASTM D1784 Cell Class 12454

## MARKETS



## DESCRIPTION



### JM AGRILOC™ SPLINE LOCKING

Nominal Laying Length:

**15', 19', 20', 30', 40'**

(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)	PRESSURE RATING (PSI)
<b>SDR 22.4</b>					
3	3.000	2.72	0.134	.80	125
<b>SDR 32.5</b>					
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
<b>SDR 41</b>					
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 Cell Class 12454

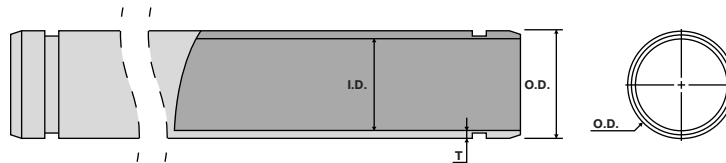
### NOMINAL LAYING LENGTH

**15', 19', 20', 30', 40'**

(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

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

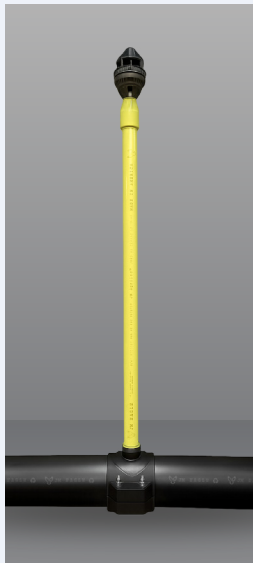


MADE IN AMERICA

## MARKETS



## DESCRIPTION



PolyPIP™ - IPS

PIPE SIZES

PIPE COLOR

Nominal Laying Length:

900'

3"

(Additional sizes available upon request.)

BLACK

DR 17

125 psi



Proudly made in the USA



## 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



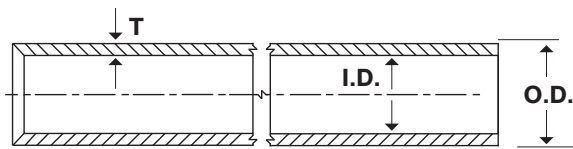
## SUBMITTAL AND DATA SHEET

### 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'

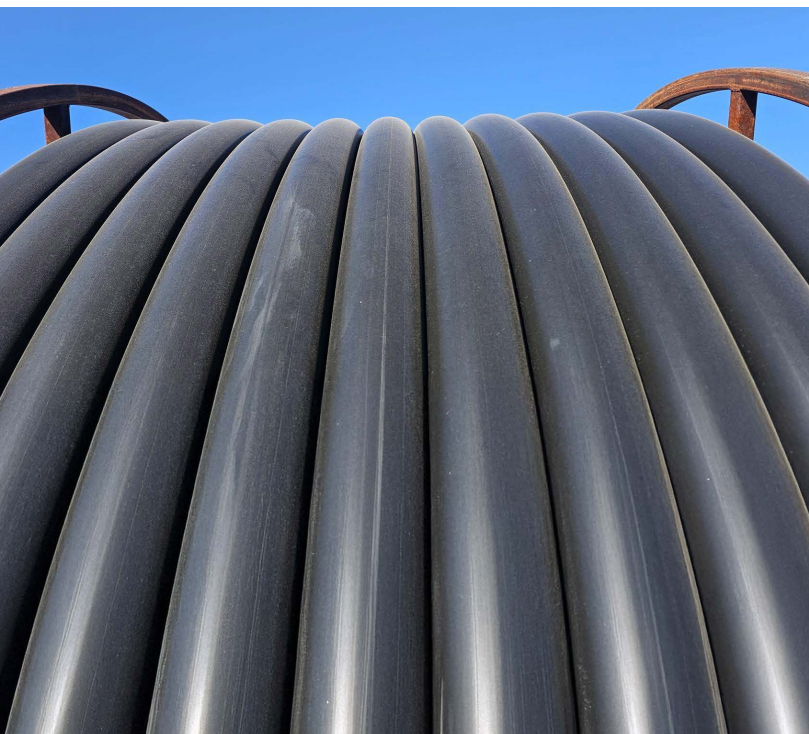


SCAN HERE FOR  
THE HIGH-DENSITY POLYETHYLENE  
INSTALLATION GUIDE

**T** - Wall Thickness

**I.D.** - Inside Diameter

**O.D.** - Outside Diameter





**IRRIGATION DIVISION**



# SOLARBLOK™

## PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

# SolarBlok™

PRESSURE-RATED PVC PIPE



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



MADE IN AMERICA

## MARKETS



IRRIGATION



LANDSCAPE



POOL

## DESCRIPTION



### SOLARBLOK™

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 no need for 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)
<b>Schedule 40</b>					
1/2	0.840	0.609	0.109	600	0.164
3/4	1.050	0.810	0.113	480	0.218
1	1.315	1.033	0.133	450	0.324
1 1/4	1.660	1.363	0.140	370	0.439
1 1/2	1.900	1.593	0.145	330	0.525
2	2.375	2.049	0.154	280	0.705
2 1/2	2.875	2.445	0.203	300	1.118
3	3.500	3.042	0.216	260	1.463
4	4.500	3.998	0.237	220	2.083

#### PRODUCT STANDARD

ASTM D1785

#### PIPE END FINISH

Bell End

#### NOMINAL LAYING LENGTH

**20 feet**

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

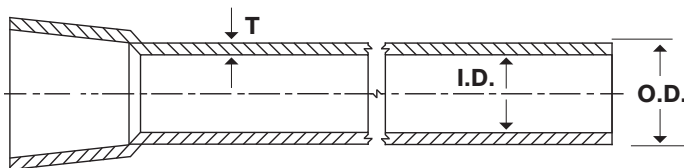
#### INSTALLATION

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



**SCAN HERE FOR**  
THE SOLVENT WELD  
INSTALLATION GUIDE





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:

**20/22 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

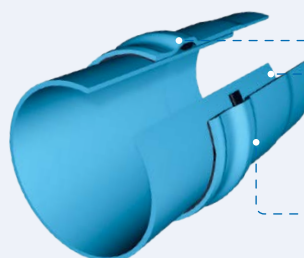
WHITE

### 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 <sup>3</sup>	APPROX. WGT (LBS/FT)
<b>PRESSURE CLASS: 250 psi (SDR 17)</b>						
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
<b>PRESSURE CLASS: 200 psi (SDR 21)</b>						
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
<b>PRESSURE CLASS: 160 psi (SDR 26)</b>						
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 <sup>3</sup>	APPROX. WGT (LBS/FT)
<b>PRESSURE CLASS: 125 psi (SDR 32.5)</b>						
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
<b>PRESSURE CLASS: 100 psi (SDR 41)</b>						
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
<b>PRESSURE CLASS: 63 psi (SDR 64)</b>						
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

### SUBMITTAL AND DATA SHEET

#### PRODUCT STANDARD

ASTM D2241

#### GASKET

ASTM F477

#### CERTIFICATIONS

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

#### PIPE COMPOUND

ASTM D1784 Cell Class 12454

#### INTEGRAL BELL JOINT

ASTM D3139

#### NOMINAL LAYING LENGTH

**20/22 feet**

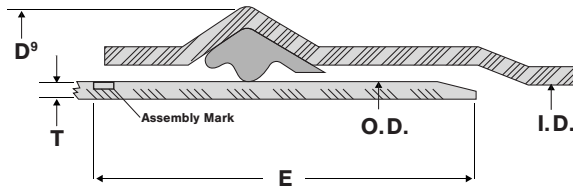
(Laying length tolerances are in accordance with ASTM standards.)

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

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

#### INSTALLATION

JM Eagle™ IPS Pressure Installation Guide



**SCAN HERE FOR  
THE IRRIGATION IPS PRESSURE  
INSTALLATION GUIDE**

**I.D.** - Inside Diameter

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

**T** - Minimum Wall  
Thickness

**D<sup>9</sup>** - 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 D1784 Cell Class 12454

GASKETS: ASTM F477

JOINTS: ASTM D3139

## MARKETS



## DESCRIPTION



### IRRIGATION PIP - RING TITE

Nominal Laying Length:

**20/22 feet**

(Laying length tolerances are in accordance with ASTM standards)

### PIPE SIZES

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

### PIPE COLOR

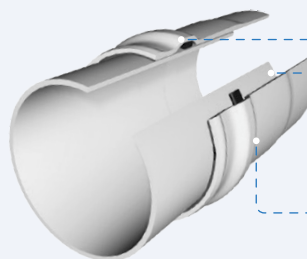
WHITE

### 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 D3139 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
80 psi	SDR 51
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 <sub>1</sub> (IN)	AVG. E <sub>2</sub> (IN)	APPROX. D <sup>9</sup> (IN)	APPROX. WGT (LBS/FT)
<b>PRESSURE CLASS: 160 psi (SDR 26)</b>							
15	17.47	14.06	0.658	7.25	-	19.286	18.404
<b>PRESSURE CLASS: 125 psi (SDR 32.5)</b>							
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	17.47	14.30	0.527	7.50	-	19.024	14.817
18	21.135	17.48	0.644	7.12	7.67	22.923	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
<b>PRESSURE CLASS: 100 psi (SDR 41)</b>							
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	17.47	14.51	0.425	7.50	-	18.82	18.82
18	21.135	17.73	0.52	7.12	7.67	22.675	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
<b>PRESSURE CLASS: 80 psi (SDR 51)</b>							
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	17.47	14.66	0.342	7.50	-	18.654	9.530
18	21.135	17.92	0.417	7.12	7.67	22.469	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

# 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. (IN)	APPROX. D <sup>9</sup>	APPROX. WGT (LBS/FT)	APPROX. WGT (LBS/FT)
<b>PRESSURE CLASS: 63 psi (SDR 64)</b>							
15	17.47	14.78	0.269	7.50	18.508	18.00	7.651
18	21.135	18.08	0.327	7.12	22.289	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

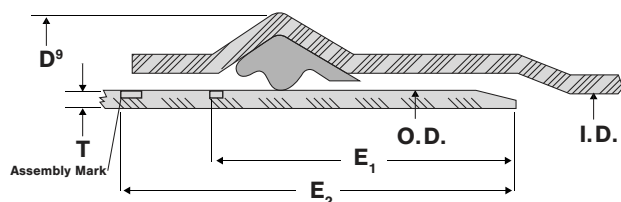
ASTM D3139

### 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 product availability.



- I.D. - Inside Diameter
- E - Distance between Assembly Marks and the end of the spigot.
- T - Minimum Wall Thickness
- D<sup>9</sup> - 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



ASAE S376.3 (8"-15")

## MARKETS



IRRIGATION



AGRICULTURE

## 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)
<b>PRESSURE CLASS 43 psi (SDR 93.5)</b>				
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 (8"-15")

### PIPE END FINISH

Bell End

### NOMINAL LAYING LENGTH

**20/22 feet**

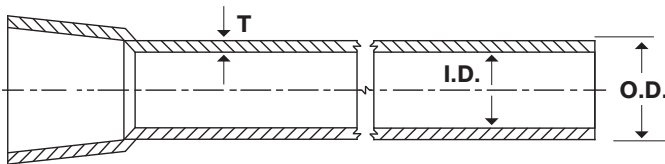
(Please call regarding manufacturing standards and specifications.)

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

Please call regarding availability.

### INSTALLATION

JM Eagle™ Irrigation Installation Guide



**T** - Wall Thickness

**I.D.** - Inside Diameter

**O.D.** - Outside Diameter



**SCAN HERE FOR  
THE SOLVENT WELD  
INSTALLATION GUIDE**





PLUMBING DIVISION

## SOLVENT WELD - SDR SERIES

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

## PRESSURE-RATED PVC PIPE



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

### MARKETS



IRRIGATION



RECLAIM

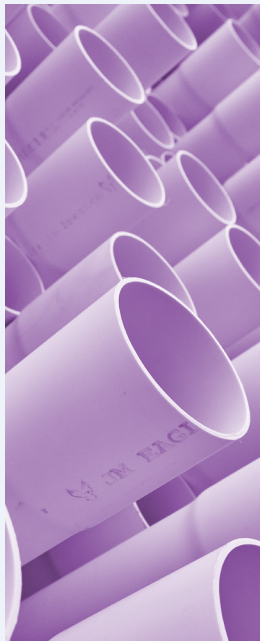


PLUMBING



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



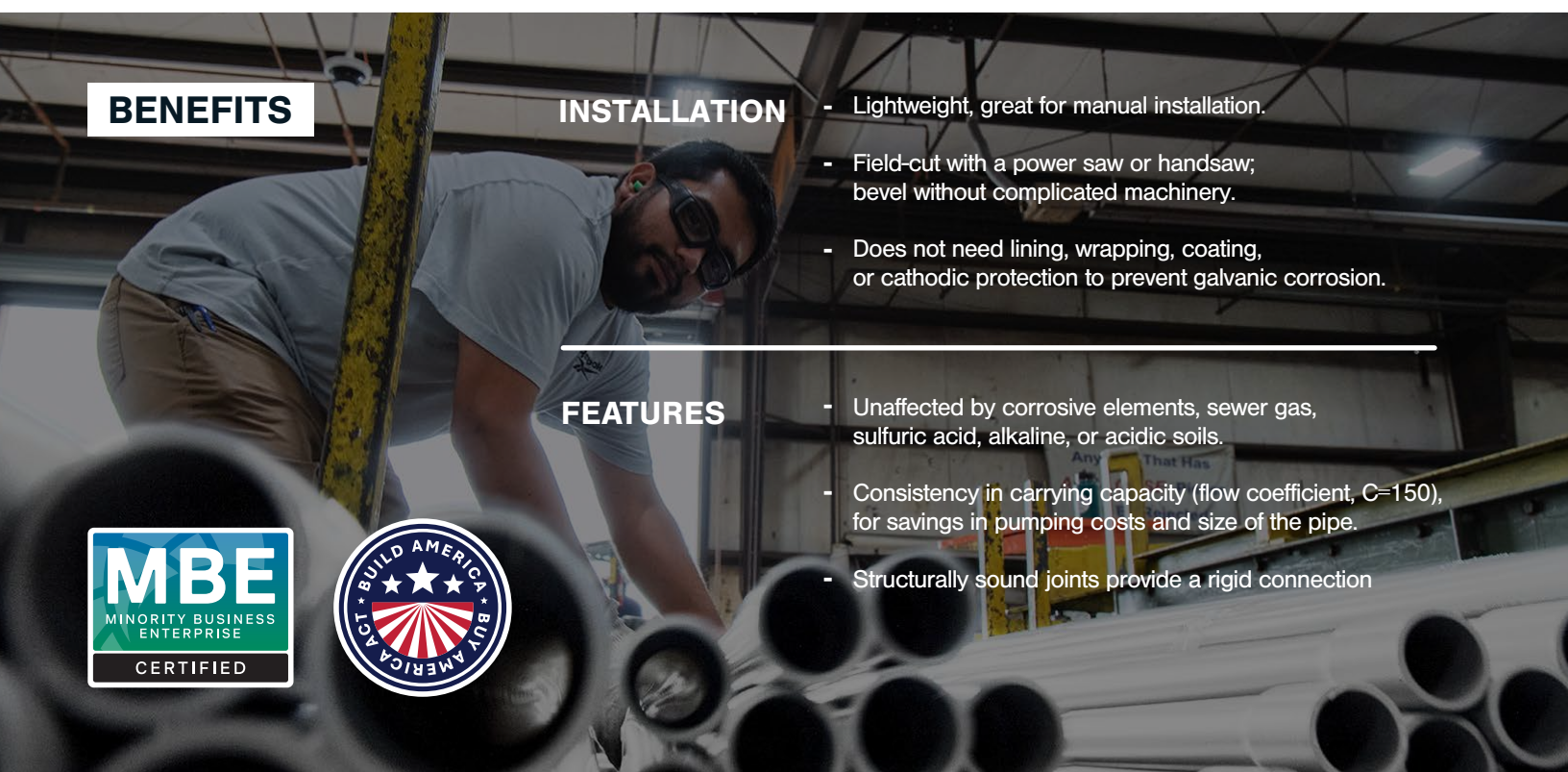
### BENEFITS

### 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



## PRESSURE-RATED PVC PIPE

### SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)
<b>Pressure Class 100psi (SDR 41)</b>			
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
<b>Pressure Class 125psi (SDR 32.5)</b>			
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
<b>Pressure Class 160psi (SDR 26)</b>			
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)
<b>Pressure Class 200psi (SDR 21)</b>			
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
<b>Pressure Class 250psi (SDR 17)</b>			
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)
<b>Pressure Class 315psi (SDR 13.5)</b>			
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

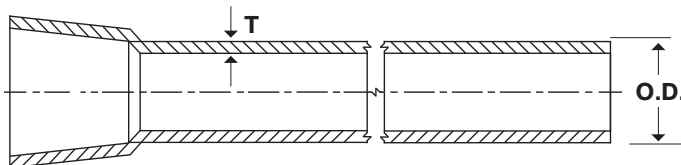
### NOMINAL LAYING LENGTH

**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



**SCAN HERE FOR**  
THE SOLVENT WELD  
INSTALLATION GUIDE





PLUMBING DIVISION

# SOLVENT WELD - SCH SERIES

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

# Solvent Weld | SCHEDULE SERIES

## PRESSURE-RATED PVC PIPE



MADE IN AMERICA



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)
<b>Schedule 40</b>						
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

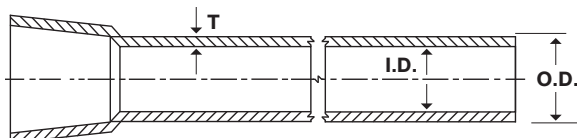
#### NOMINAL LAYING LENGTH

**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



**SCAN HERE FOR THE SOLVENT WELD INSTALLATION GUIDE**





PLUMBING DIVISION

## SCHEDULE SERIES

PRESSURE-RATED PVC PIPE

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# SCHEDULE SERIES

## PRESSURE-RATED PVC PIPE



MADE IN AMERICA



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:

**20 feet**

(Laying length tolerances are in accordance with ASTM standards)

1/2", 3/4", 1", 1 1/4", 1 1/2",  
2", 2 1/2", 3", 4", 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)
<b>Schedule 80</b>						
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.

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

#### 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)



**SCAN HERE FOR  
THE SOLVENT WELD  
INSTALLATION GUIDE**





IRRIGATION DIVISION



## THREADED DROP PIPE

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

# Threaded Drop Pipe

PRESSURE-RATED PVC PIPE



MADE IN AMERICA



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

## 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", 1¼", 1½", 2"

### PIPE COLOR

WHITE

### ASTM D1785

Schedule 80

Schedule 120



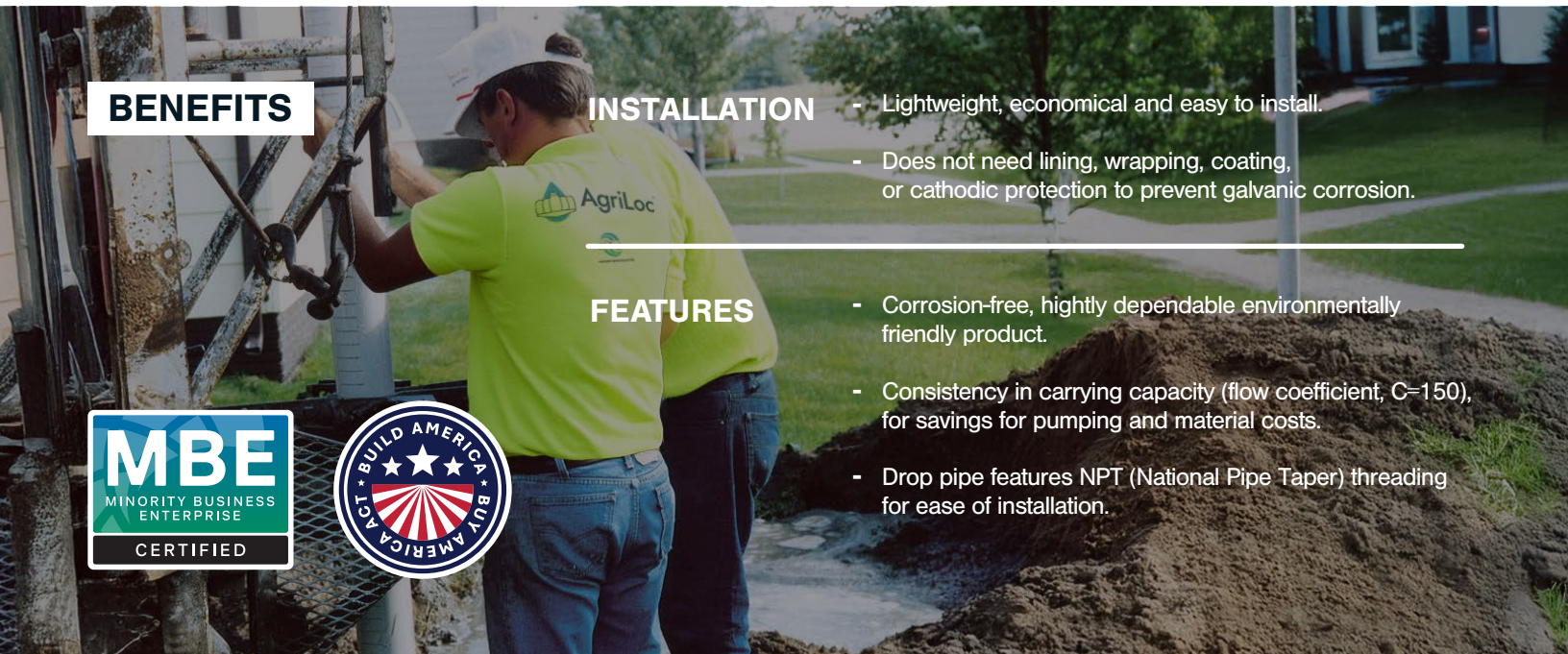
## BENEFITS

## 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.
- Drop pipe features NPT (National Pipe Taper) threading for ease of installation.



# 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)
1	1.315	0.93	0.179	320	0.42
1¼	1.660	1.25	0.191	260	0.58
1½	1.900	1.48	0.200	240	0.70
2	2.375	1.91	0.218	200	0.97

### 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)
1	1.315	0.89	0.200	360	0.48
1¼	1.660	1.20	0.215	300	0.68
1½	1.900	1.42	0.225	270	0.82
2	2.375	1.85	0.250	240	1.15

#### 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

Both ends with tapered OD thread. Comes with thread protectors on both ends of pipe.

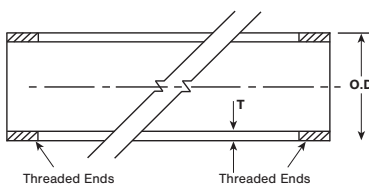
#### NOMINAL LAYING LENGTH

**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
- O.D. - Outside Diameter
- ▨ - Threaded Ends



SCAN HERE FOR  
THE DROP PIPE  
INSTALLATION GUIDE





IRRIGATION DIVISION

## WELL CASING / F480

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)

# Well Casing | F480 SOLVENT WELD



MADE IN AMERICA

PRESSURE-RATED PVC PIPE



ASTM F480, ASTM D2241, ASTM D1785, ASTM D2665, ASTM D1784 Cell Class 12454, ANSI/NSF 61/14, Uniform Plumbing Code

## MARKETS



POTABLE



IRRIGATION



DRAINAGE



PLUMBING



WELL

## DESCRIPTION



### WELL CASING F480 SOLVENT WELD

Nominal Laying Length:

**20 feet**

(Laying length tolerances are in accordance with ASTM standards)

### PIPE SIZES

IPS:

2", 4", 4½", 5", 6", 8", 10", 12"

### PIPE COLOR

WHITE

### ASTM F480 / D2241

SDR 32.5

SDR 26

SDR 21

SDR 17

### ASTM F480 / D1785

Schedule 40



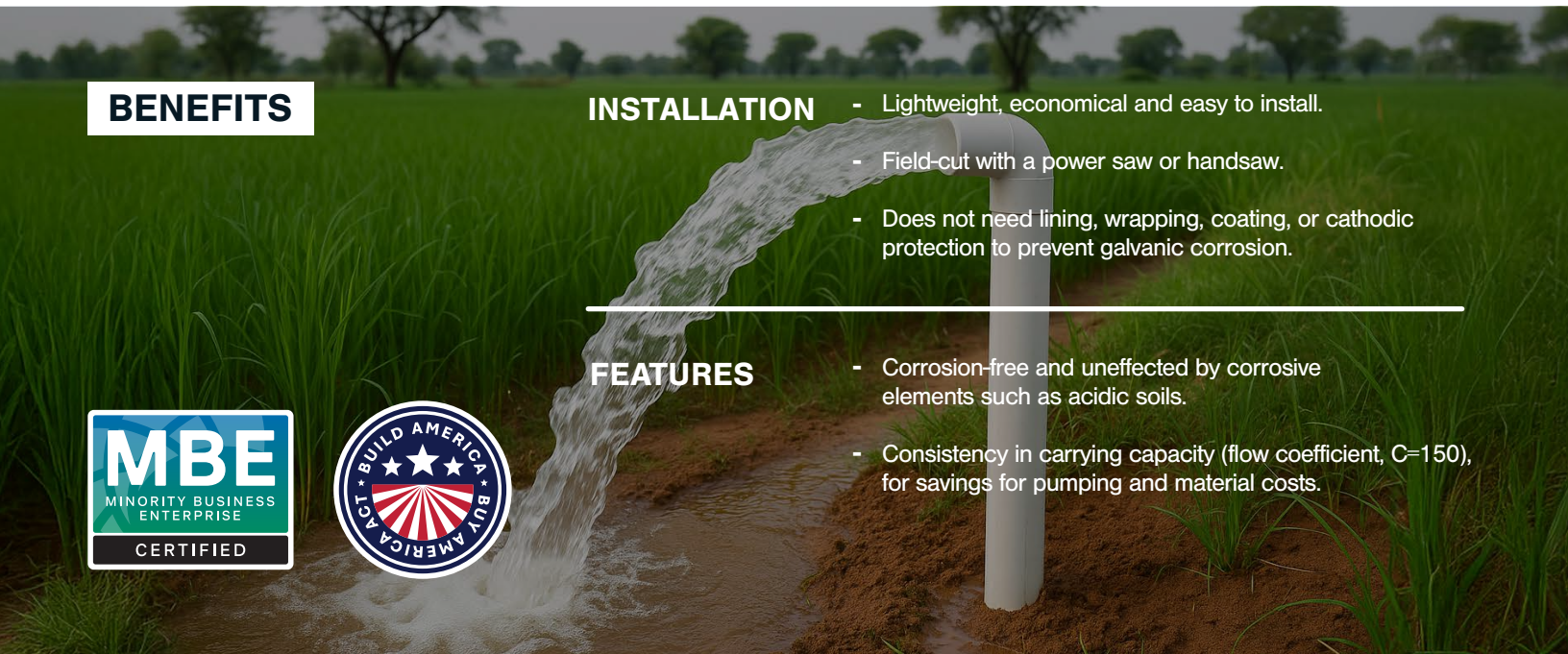
## BENEFITS

## INSTALLATION

- Lightweight, economical and easy to install.
- Field-cut with a power saw or handsaw.
- 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
<b>SDR 26 (160 psi)</b>				
4	4.500	4.13	0.173	1.540
4½	4.950	4.55	0.190	1.907
5	5.563	5.11	0.214	2.414
6	6.625	6.08	0.255	3.342
8	8.625	7.92	0.332	5.662
10	10.75	9.88	0.413	9.08
12	12.75	11.721	0.490	12.77
<b>SDR 21 (200 psi)</b>				
4	4.500	4.05	0.214	1.885
4½	4.950	4.45	0.236	2.346
5	5.563	5.00	0.265	2.961
6	6.625	5.96	0.316	4.101
8	8.625	7.76	0.410	7.133
10	10.75	9.68	0.511	11.13
12	12.75	11.477	0.606	15.65
<b>SDR 17 (250 psi)</b>				
4	4.500	3.94	0.265	2.309
4½	4.950	4.34	0.291	2.859
5	5.563	4.87	0.327	3.611
6	6.625	5.80	0.390	5.129
10	10.75	9.423	0.632	13.6
12	12.75	11.175	0.750	19.14
<b>SCHEDULE 40</b>				
2	2.375	2.05	0.154	0.703
4	4.500	4.00	0.237	2.078
4½	4.950	4.43	0.248	2.459
5	5.563	5.02	0.258	2.887
6	6.625	6.03	0.280	3.655
8	8.625	7.94	0.322	5.662
10	10.75	9.984	0.365	8.06
12	12.75	11.897	0.406	10.66

## 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.

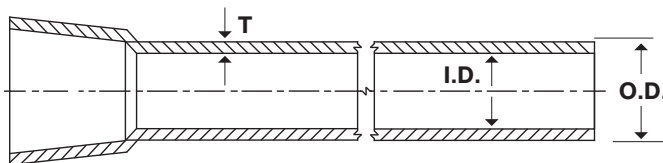
### NOMINAL LAYING LENGTH

**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.



**SCAN HERE FOR**  
THE WELL CASING  
INSTALLATION GUIDE

**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 WellLoc™

**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



## 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

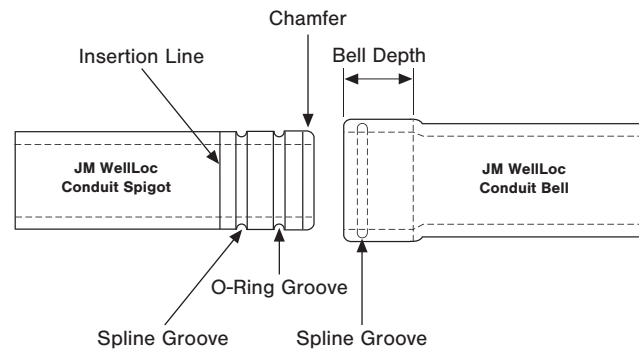
**WHITE**

### 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
<b>SDR 21</b>				
5	5.563	5.00	0.265	2.961
6	6.625	5.96	0.316	4.101
<b>SDR 17</b>				
4½	4.950	4.34	0.291	2.859
5	5.563	4.87	0.327	3.611
6	6.625	5.80	0.390	5.129
<b>SCHEDULE 40</b>				
4	4.500	4.00	0.237	2.078
4½	4.950	4.43	0.248	2.459
4½	4.950	4.43	0.248	2.459

### 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

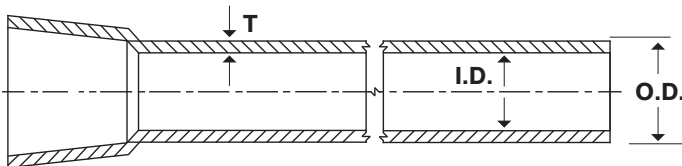
### NOMINAL LAYING LENGTH

**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.



**SCAN HERE FOR  
THE WELL CASING  
INSTALLATION GUIDE**

**T -** Wall Thickness

**I.D. -** Inside Diameter

**O.D. -** Outside Diameter





**GAS DIVISION**

## **MDPE GAS PIPE (SWIMMING POOL)**

**PRESSURE-RATED MEDIUM DENSITY PE GAS PIPE**

[Product One Sheet >](#)

# MDPE Gas Pipe (Swimming Pool)

PRESSURE-RATED MEDIUM DENSITY PE GAS PIPE



MADE IN AMERICA



ASTM D2513, CSA B137.4,  
ASTM D3350 PPI (TR-4) PE 2708,  
(PE 234373E)

## MARKETS



GAS DISTRIBUTION



SWIMMING POOLS

## DESCRIPTION

### PIPE SIZES

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

### PIPE COLOR

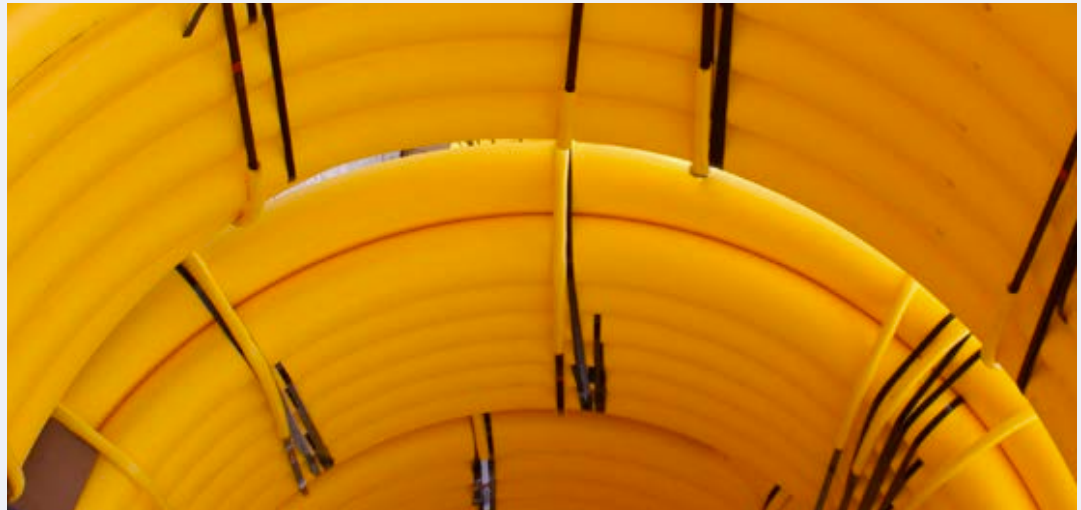
YELLOW

### ASTM D2513 (IPS)

SDR 11

### CSA B137.4 (IPS)

SDR 11



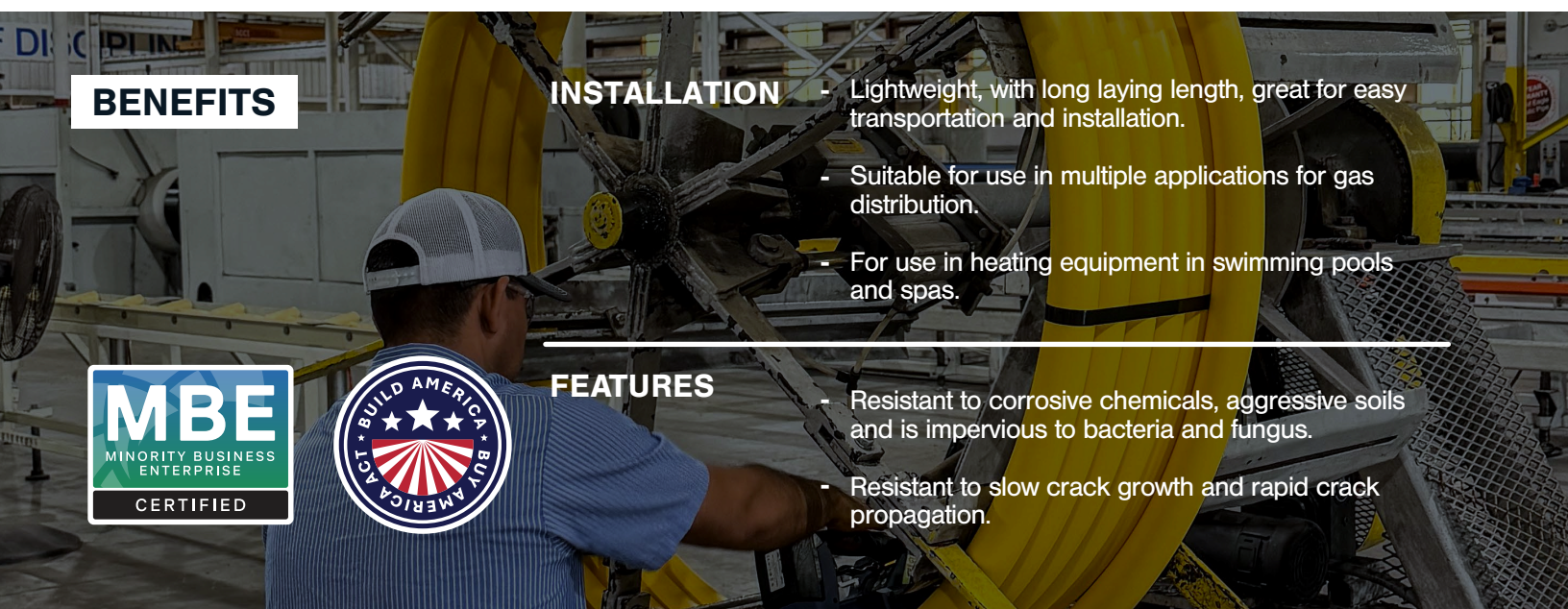
## BENEFITS

### INSTALLATION

- Lightweight, with long laying length, great for easy transportation and installation.
- Suitable for use in multiple applications for gas distribution.
- For use in heating equipment in swimming pools and spas.

### FEATURES

- Resistant to corrosive chemicals, aggressive soils and is impervious to bacteria and fungus.
- Resistant to slow crack growth and rapid crack propagation.



# MDPE Gas Pipe (Swimming Pool)

PRESSURE-RATED MEDIUM DENSITY PE GAS PIPE



## SUBMITTAL AND DATA SHEET

### IPS MDPE GAS PIPE

PIPE SIZE (IN)	AVG. O.D. (ID)	MIN. T. (IN)	WGT (LBS/FT)	FEET/ COIL
<b>DR 11</b>				
3/4	1.050	0.095	0.122	100'-500'
1	1.315	0.120	0.192	100'-1000'
1.25	1.660	0.151	0.308	100'-1000'
1.5	1.900	0.173	0.404	100'-500'
2	2.375	0.216	0.631	20'-500'
3	3.500	0.318	1.370	20'-2000'

#### PRODUCT STANDARD

ASTM D2513, CSA B137.4\*

\*available at select locations

#### PIPE COMPOUND

PPI (TR-4) PE 2708, ASTM D3350  
Cell Class 234363E

#### INSTALLATION:

JM Eagle™ Polyethylene Yellow  
Gas Distribution Piping Systems  
Installation Guide



SCAN HERE FOR  
POLYETHYLENE YELLOW GAS  
INSTALLATION GUIDE





Irrigation Sales Team:  
**310-693-8414**

For more information visit:  
**[www.JMEagle.com](http://www.JMEagle.com)**

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