



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.



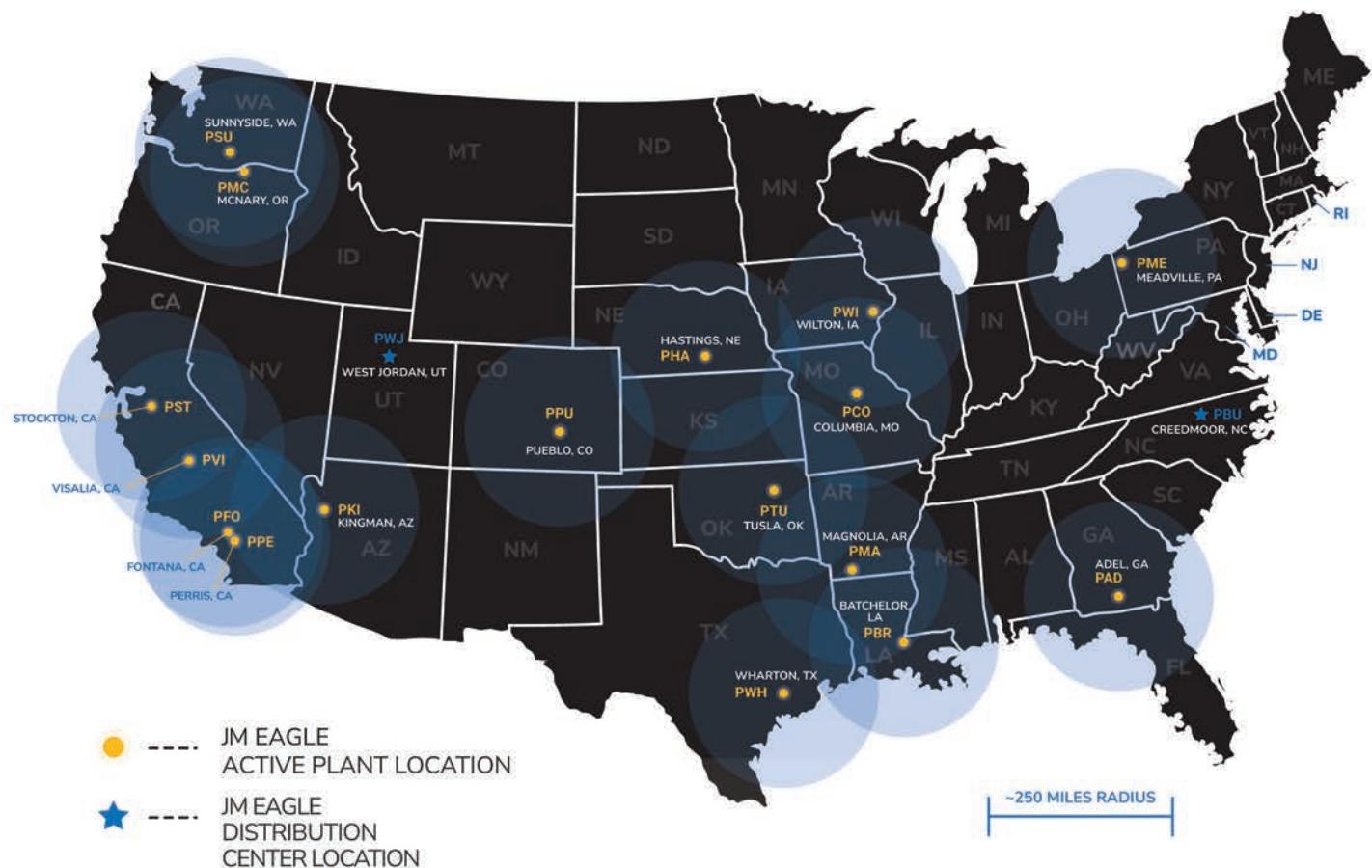
SCAN HERE
TO EXPLORE JM EAGLE





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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of Sales, Marketing, HR & IT

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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
6200
6300

SCAN HERE TO WATCH
WORLD AG FILM

IRRIGATION ASSOCIATION SHOW
LAUNCH OF AGRILOC

SCAN HERE TO WATCH
IRRIGATION
ASSOCIATION FILM

**JM EAGLE'S
WATERWORKS
DIVISION**

SCAN HERE TO WATCH
OUR WATERWORKS
DIVISION

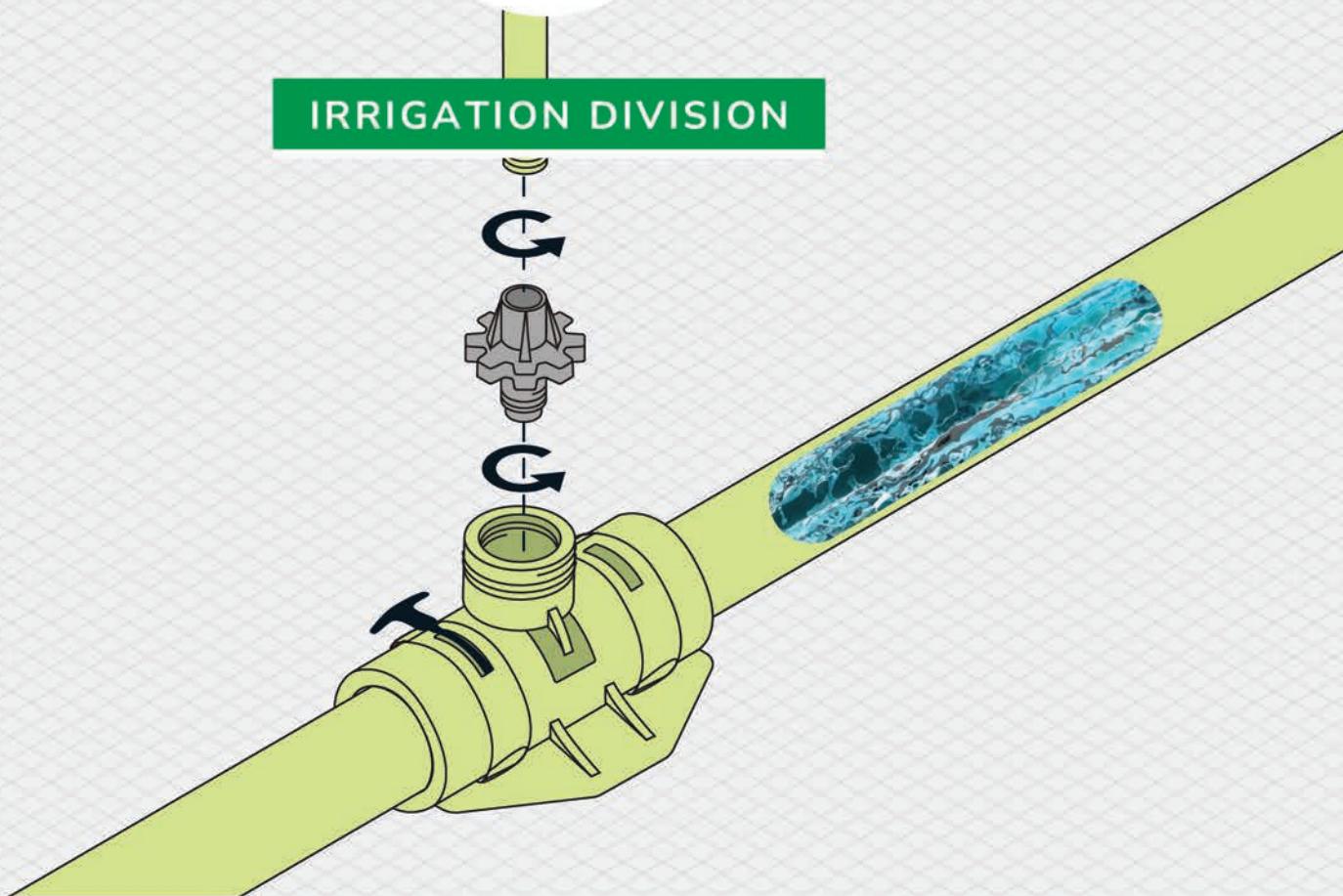
**JM EAGLE INTRODUCES
AGRILOC**
The most innovative product in Irrigation

CHUCK CLARK
Senior Vice President
of Production & Engineering

SCAN HERE TO WATCH
AGRILOC™



IRRIGATION DIVISION



JM AGRILOC™ - SPLINE LOCKING

PRESSURE-RATED PVC PIPE

Product One Sheet >

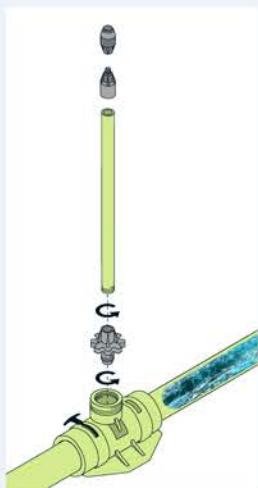


ASTM D2241,
ASTM D1784

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

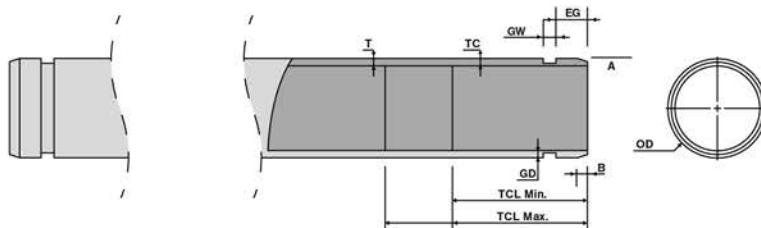
(Laying length tolerances are in accordance with ASTM standards)

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 >](#)

MARKETS

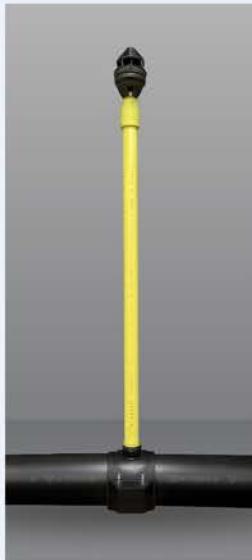


IRRIGATION



AGRICULTURE

DESCRIPTION



PolyPIP™ - IPS

Nominal Laying Length:
900'

PIPE SIZES

3"

PIPE COLOR

BLACK

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



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 |

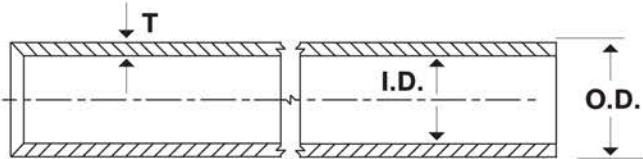
NOMINAL LAYING LENGTH

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 370PSI@73F

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

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

SOLAR BLOK™

PRESSURE-RATED PVC PIPE

[Product One Sheet >](#)



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

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.)

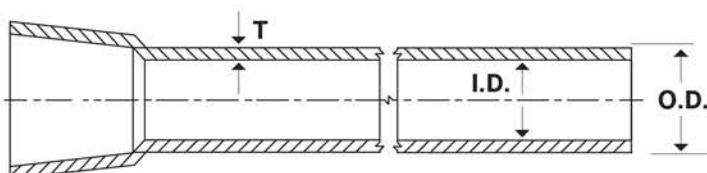
Manning Coefficient (n) = 0.009
Hazen-Williams Coefficient (c) = 150

*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



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

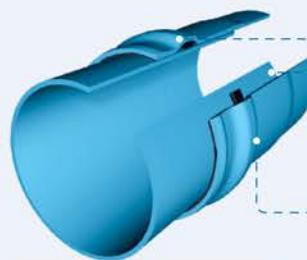
| | |
|--------|-------|
| BLUE | GREEN |
| PURPLE | WHITE |

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-inHg 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 ³ | 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 ³ | 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 |

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.)

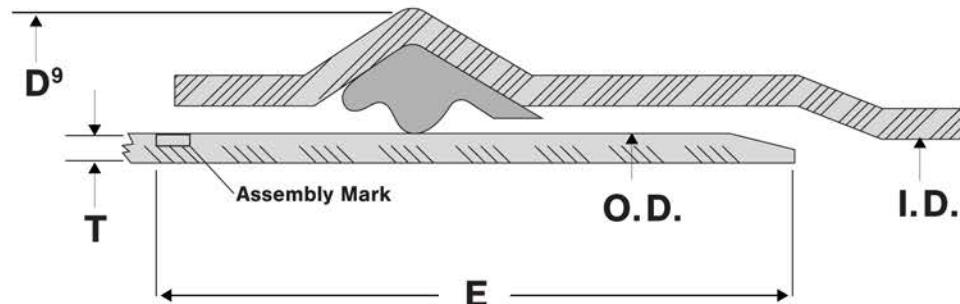
Manning Coefficient (n) = 0.009 - Hazen-Williams Coefficient (c) = 150

*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



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

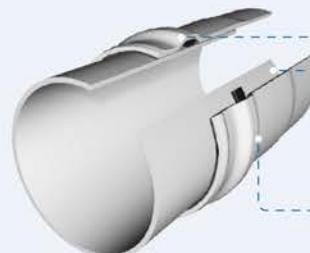
WHITE

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.



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 |

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

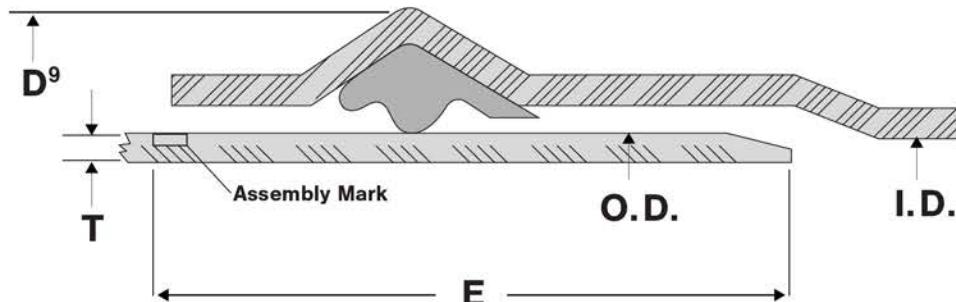
INSTALLATION

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



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.)

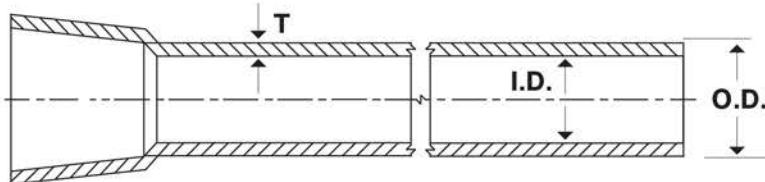
INSTALLATION

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



USGBC
MEMBER





IRRIGATION 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)

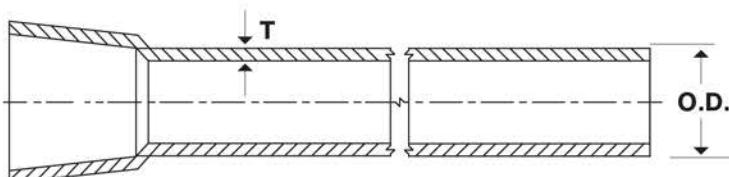
INSTALLATION

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

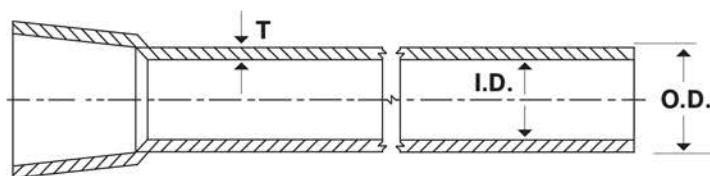
NOMINAL LAYING LENGTH

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





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

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 |
| 1 $\frac{1}{4}$ | 1.660 | 1.25 | 0.191 | 260 | 0.58 | 3,930 |
| 1 $\frac{1}{2}$ | 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 |
| 1 $\frac{1}{4}$ | 1.660 | 1.20 | 0.215 | 300 | 0.68 | 5,889 |
| 1 $\frac{1}{2}$ | 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

CERTIFICATION

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

NOMINAL LAYING LENGTH

20 feet

(Laying length tolerances are
in accordance with ASTM standards)

INSTALLATION

JM Eagle™ Drop Pipe
Installation Guide

PIPE COMPOUND

ASTM D1784
Cell Class 12454

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

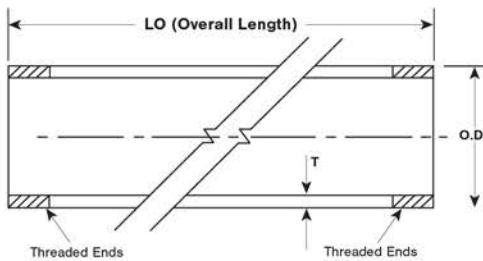
THREAD

National Pipe Taper (NPT)

PIPE END FINISH

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

*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 >](#)

Well Casing | F480

SOLVENT
WELD

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; 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 |

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.

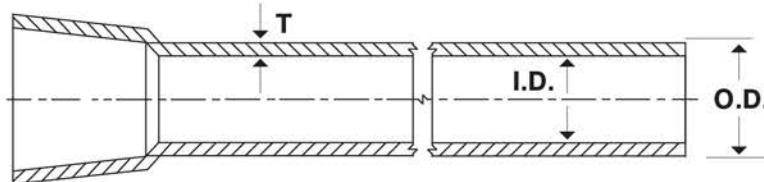
NOMINAL LAYING LENGTH

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 >](#)

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", 4 1/2", 5", 6"

PIPE COLOR

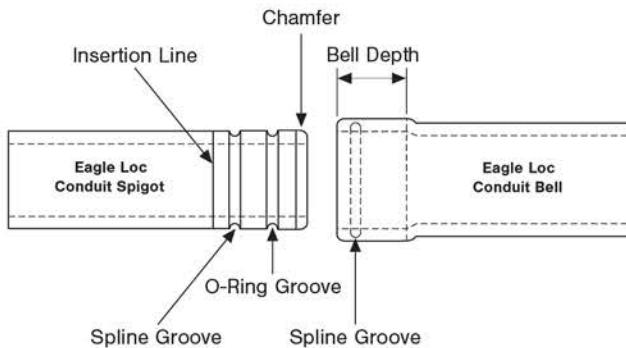
WHITE

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

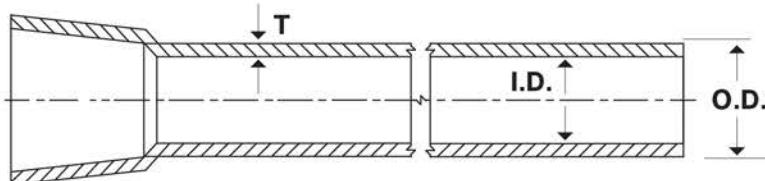
NOMINAL LAYING LENGTH

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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