

Irrigation P.I.P | Ring-Tite

PRESSURE-RATED PVC PIPE



DELIVERING GOOD WATER TO YOU



ASTM D2241
ASTM D1785 Cell Class 12454

Gasket: ASTM F477
Joint: ASTM D3139

MARKETS



DESCRIPTION



Available Pipe Sizes

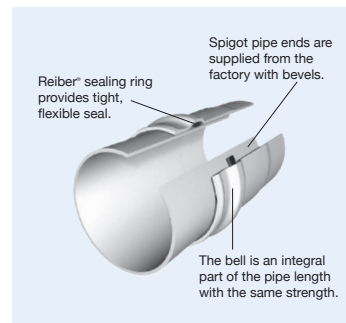
PIP: 6", 8", 10", 12", 15", 18", 21", 24", 27"

Nominal Laying Length: 20/22 feet *(Laying length tolerances are in accordance with NRCS standards)*

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, there's no field mixing or application of cement.
- Meets or exceeds ASTM D3219 for joint tightness, including a 22-inch Hg vacuum and a 25-foot head pressure test.



ASTM D2241

63 psi	DR 64
80 psi	DR 51
100 psi	DR 41
125 psi	DR 32.5

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 and material costs.



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SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVERAGE 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 125 psi (SDR 32.5)*							
PIPE STIFFNESS: 57 psi							
6	6.140	5.74	0.189	5.06	NA	6.90	2.40
8	8.160	7.63	0.251	5.77	NA	9.16	4.16
10	10.200	9.53	0.314	6.89	NA	11.46	6.53
12	12.240	11.44	0.377	7.27	NA	13.75	9.43
15	15.300	14.30	0.471	7.50	NA	17.18	14.86
18	18.701	17.48	0.575	7.12	7.67	21.00	22.27
21	22.047	20.61	0.678	7.88	8.67	24.76	31.03
24	24.803	23.19	0.763	8.47	9.67	27.86	41.06
27	27.953	26.12	0.860	9.41	10.67	31.41	51.41
PRESSURE CLASS 100 psi (SDR 41)*							
PIPE STIFFNESS: 28 psi							
6	6.140	5.82	0.150	5.06	NA	6.74	1.88
8	8.160	7.74	0.199	5.77	NA	8.96	3.23
10	10.200	9.67	0.249	6.89	NA	11.20	5.22
12	12.240	11.61	0.299	7.27	NA	13.44	7.54
15	15.300	14.51	0.373	7.50	NA	16.79	11.84
18	18.701	17.73	0.456	7.12	7.67	20.52	17.92
21	22.047	20.91	0.538	7.88	8.67	24.20	24.99
24	24.803	23.52	0.605	8.47	9.67	27.22	32.68
27	27.953	26.51	0.682	9.41	10.67	30.69	42.12
PRESSURE CLASS 80 psi (SDR 51)*							
PIPE STIFFNESS: 14 psi							
6	6.140	5.89	0.120	5.06	NA	6.62	1.52
8	8.160	7.82	0.160	5.77	NA	8.80	2.69
10	10.200	9.78	0.200	6.89	NA	11.00	4.21
12	12.240	11.73	0.240	7.27	NA	13.20	6.08
15	15.300	14.66	0.300	7.50	NA	16.50	9.56
18	18.701	17.92	0.366	7.12	7.67	20.17	14.69
21	22.047	21.13	0.432	7.88	8.67	23.78	20.45
24	24.803	23.77	0.486	8.47	9.67	26.75	26.32
27	27.953	26.79	0.548	9.41	10.67	30.15	33.88
PRESSURE CLASS 63 psi (SDR 64)**							
PIPE STIFFNESS: 7 psi							
15	15.300	14.79	0.239	7.50	NA	16.26	7.76
18	18.701	18.08	0.292	7.12	7.67	19.87	11.26

Product Standard: ASTM D2241

Pipe Compound: ASTM D1785 Cell Class 12454

Gasket: ASTM F477

Integral Bell Joint: ASTM D3139

Nominal Laying Length: 20/22 feet

(Laying length tolerances are in accordance with NRCS standards)

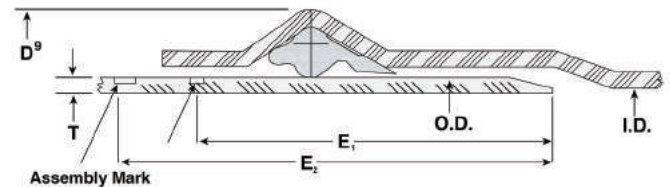
Installation: JM Eagle™ Irrigation Installation Guide

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

E₁: Distance between 1st Insertion/ Assembly Mark to the end of spigot.

O.D.: Outside Diameter

T: Wall Thickness

E₂: Distance between 2nd Insertion/ Assembly Mark to the end of spigot. (for 18" and above only)

D⁹: Bell Outside Diameter

