

Gravity Sewer

NON-PRESSURE-RATED PVC PIPE



MADE IN AMERICA



ASTM D3034
CSA B182.2
ASTM D1784 Cell Class 12454/12364

GASKETS: ASTM F477

JOINTS: ASTM D3212

MARKETS



SEWER

DESCRIPTION



GRAVITY SEWER

Nominal Laying Length:

14/20 feet

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

ASTM D3034 TYPE PSM SIZES:

4" 6" 8" 10" 12" 15" 18"
21" 24" 27" 30" 36" 42" 48"

PIPE COLOR

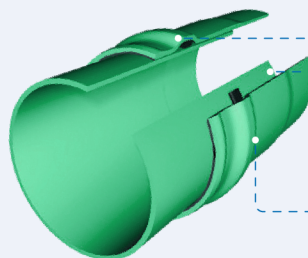
GREEN

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 D3212 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

CSA B182.2

SDR 35	(PS 46)
SDR 26	(PS 115)

ASTM D3034

SDR 35	(PS 46)
SDR 26	(PS 115)

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.
- Resistance to abrasion, gouging, and scouring.



*50 year warranty only applicable to C900/Eagle Loc 900, C909, AWWA C901/C906. Check www.jmeagle.com/warranty for full details.

Gravity Sewer

NON-PRESSURE-RATED PVC PIPE



SUBMITTAL AND DATA SHEET

ASTM D3034 TYPE PSM GRAVITY SEWER PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	MIN. E ¹ (IN)	APPROX. D ⁹	APPROX. WGT (LBS/FT)
SDR 35						
PIPE STIFFNESS: 46 psi						
4	4.215	3.975	0.120	3.75	4.695	1.051
6	6.275	5.915	0.180	2.37	6.995	2.365
8	8.400	7.920	0.240	5.00	9.360	4.216
10	10.500	9.900	0.300	6.25	11.700	6.663
12	12.500	11.780	0.360	6.50	13.940	9.510
15	15.300	14.426	0.437	7.50	17.048	14.215
18	18.701	17.564	0.536	7.37	20.845	21.426
21	22.047	20.707	0.632	8.25	24.575	29.830
24	24.803	23.295	0.711	9.12	27.647	37.940
27	27.953	26.254	0.801	10.00	31.157	48.408
30 CIOD	32.000	30.055	0.917	12.75	35.612	63.393
36 CIOD	38.300	35.972	1.098	13.87	42.816	91.905
42 CIOD	44.500	41.794	1.276	15.75	49.604	125.687
48 CIOD	50.800	47.713	1.456	16.62	56.624	164.489
SDR 26						
PIPE STIFFNESS: 115 psi						
4	4.215	3.891	0.162	3.75	4.863	1.404
6	6.275	5.793	0.241	2.37	7.239	3.124
8	8.400	7.754	0.323	5.00	9.692	5.616
10	10.500	9.692	0.404	6.25	12.116	8.850
12	12.500	11.538	0.481	6.50	14.424	12.580
15	15.300	14.124	0.588	7.50	17.652	18.932
18	18.701	17.174	0.720	7.37	21.581	28.394
21	22.047	20.247	0.849	8.25	25.443	39.803
24	24.803	22.776	0.956	9.12	28.627	50.495
27	27.953	25.669	1.077	10.00	32.261	64.647
30 CIOD	32.000	29.386	1.233	12.75	36.348	84.372
36 CIOD	38.300	35.173	1.475	13.87	45.438	122.210
42 CIOD	44.500	40.866	1.714	15.75	51.356	167.120
48 CIOD	50.800	46.651	1.957	16.62	58.628	218.844

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SUBMITTAL AND DATA SHEET

PRODUCT STANDARD

ASTM D3034 Type PSM (4"-48")
CSA B182.2 (PS46, 4" - 24")

GASKET

ASTM F477

INSTALLATION

JM Eagle™ Gravity Sewer
Installation Guide.

PIPE COMPOUND

ASTM D1784 Cell Class 12454/12364

INTEGRAL BELL JOINT

ASTM D3212

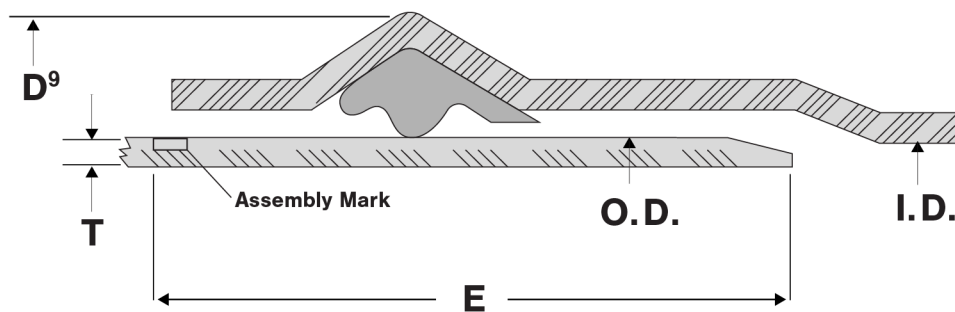
NOMINAL LAYING LENGTH

14/20 feet

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

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

*Please call regarding availability.



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

