



Building essentials  
for a better tomorrow

# ULTRA RIB™ / ULTRA CORR™

MEETS MEETS AASHTO M304, ASTM F794 AND F949; GASKETS MEET ASTM F477;  
JOINTS MEET ASTM D3212.

GREAT  
SUBSTITUTIONS FOR  
LARGE-DIAMETER  
SEWER!

## APPLICATIONS

JM Eagle's Ultra Corr and Ultra Rib (corrugated) pipe products are suitable sanitary sewer and storm drain applications.

## DESCRIPTION

Ultra Corr sewer pipe is available in 24- to 36-inch diameters; Ultra Rib sewer pipe is available in 8- to 30-inch diameters; and Ultra Rib storm drain pipe is available in 18- to 30-inch diameters. Both Ultra Corr and Ultra Rib come in laying lengths of 14 feet.

Ultra Corr sewer pipe is tested in accordance with ASTM F949, ASTM F794 and AASHTO M304. Ultra Rib pipe for sewers and storm drains is tested in accordance with ASTM F794 and/or AASHTO M 304.

High-carrying capacity makes the use of flatter grades or smaller diameter pipe possible.

## BENEFITS

**Ultra Rib sewer pipe, Ultra Corr sewer pipe and Ultra Rib storm drain pipe offer increased load-bearing and system capacity at a reasonable cost.**

- They are unaffected by the fluids found in ordinary domestic sewage; sewer gasses and the sulfuring acid generated by the completion of the hydrogen sulfide cycle; and corrosive soils both alkaline and acidic.
- They resist abrasion, gouging and scouring far better than most common piping materials.
- The pipes' interiors stay smooth over long years of service while maximizing system capacity, allowing for savings in pumping costs, as well as savings on the size of the pipe required.
- The light weight of the pipes reduces manpower required for installation.

Revised 3/2/2012. This information may have been updated. Please download the latest version at [www.jmeagle.com/onesheets](http://www.jmeagle.com/onesheets).



# ULTRA RIB™ / ULTRA CORR™

## SUBMITTAL AND DATA SHEET

### ASTM F-794/949 PVC PROFILE WALL SEWER PIPE

#### ULTRA RIB™ SEWER PIPE ASTM F794 & AASHTO M304

NOMINAL PIPE SIZE (IN)	MIN. I.D (IN)	APPROX. O.D. (IN)	APPROX. BELL O.D. (IN)	MIN. T. (IN)	APPROX. PIPE WEIGHT (LBS/100 FT)
8	7.863	8.81	10.20	0.060	250
10	9.825	11.02	12.80	0.070	350
12	11.687	13.10	15.26	0.085	490
15	14.303	15.91	18.04	0.105	730
18	17.510	19.32	22.02	0.130	1050
21	20.656	22.92	26.17	0.160	1450
24	23.412	25.77	28.91	0.180	2120
27*	26.371	29.14	32.85	0.205	2470
30	29.388	32.38	36.68	0.235	3550

\* Check for availability.

#### ULTRA RIB™ STORM DRAIN PIPE AASHTO M304

NOMINAL PIPE SIZE (IN)	MIN. I.D (IN)	APPROX. O.D.(IN)	APPROX. BELL O.D. (IN)	MIN. WATERWAY WALL (IN)*	APPROX. PIPE WEIGHT (LBS/100 FT)
18	17.510	19.32	22.25	0.085	884.6
21	20.656	21.73	26.38	0.100	1107.7
24	23.412	25.48	28.13	0.115	1430.8
30	29.388	32.30	N/A	0.135	N/A

Product Standard: ASTM F794  
AASHTO M304

Integral Bell Joint: ASTM D3212

Pipe Length: 14 feet laying length

Pipe Compound: ASTM D1784 Cells Class 12454

Installation: JM Eagle™ Installation Guide

Gasket: ASTM F477

#### ULTRA CORR™ SEWER PIPE ASTM F949/F794 & AASHTO M304

NOMINAL PIPE SIZE (IN)	MIN. I.D (IN)	APPROX. O.D. BARREL (IN)	MIN. WALL THICKNESS			APPROX. WEIGHT (LBS/FT)	APPROX. BELL O.D. (IN)
			INNER WALL t <sup>1</sup> (IN)	OUTER WALL t <sup>2</sup> (IN)	AT VALLEY t <sup>3</sup> (IN)		
24	23.412	25.58	0.110	0.085	0.123	18.2	28.7
27	26.371	28.86	0.120	0.091	0.137	20.2	32.5
30	29.388	32.15	0.130	0.105	0.147	26.0	35.8
36	35.370	38.74	0.150	0.125	0.171	36.1	43.4

Product Standard: ASTM F949/F794  
AASHTO M304

Integral Bell Joint: ASTM D3212

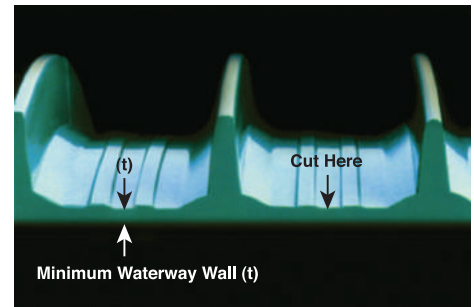
Pipe Stiffness: ASTM D2412 F/ΔY = 46 PSI

Pipe Compound: ASTM D1784 Cells Class 12454

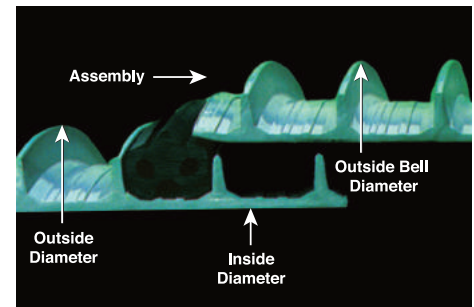
Pipe Length: 14 feet laying length

Gasket: ASTM F477

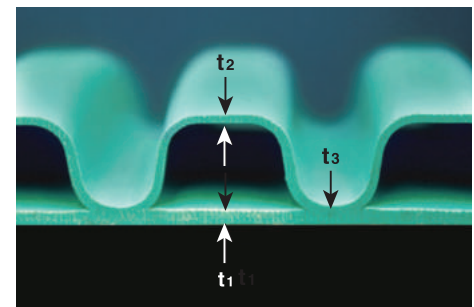
Installation: JM Eagle™ Installation Guide



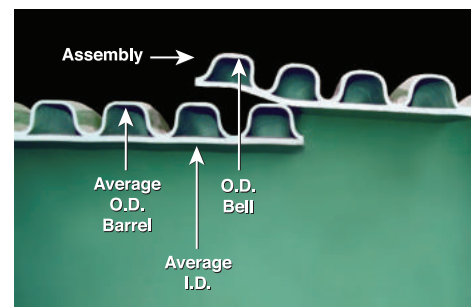
Ultra Rib



Ultra Rib



Ultra Corr



Ultra Corr

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