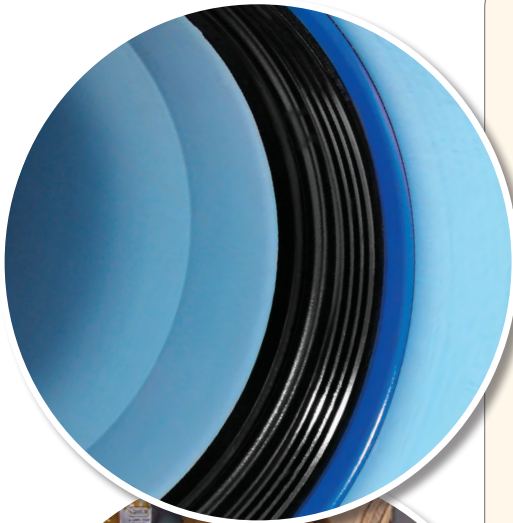




# EAGLE LOC 900™

MEETS AWWA C900 AND C905, ASTM D1784 AND UNI-B-13 MILLION CYCLE TEST.



## APPLICATIONS

JM Eagle's Eagle Loc 900 pipe is suitable for use in distribution pipelines of potable water, as well as gravity sewer, force main and water reclamation projects.



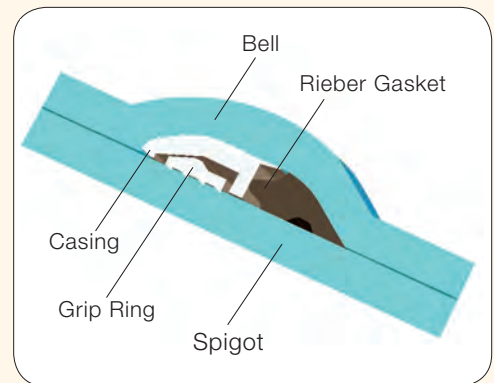
## DESCRIPTION

JM Eagle's Eagle Loc 900 teams C900 with an internal joint restraint mechanism, making it ideal for open-trench, horizontal directional drilling and road bore installations.

The internal locking system activates with a simple push of the spigot into the bell of the adjoining pipe, gripping the joint from the inside. It eliminates the need for external joint restraint—including tools, rods, clamps bolts or splines—and connects with an unmatched hold.

Because the restraining mechanism is located on the inside of the pipe, it eliminates concerns of corrosion typically associated with external joint restraints.

It is available in 4- to 12-inch diameters, in DR 14 and DR 18.



## BENEFITS

Eagle Loc 900's internal joint system locks with a simple push, reducing labor costs as much as 30 times.

The superior strength of Eagle Loc 900 makes it the perfect choice for even the most challenging trenchless applications. Strong enough to withstand pullback in the ground, even over longer pull distances, Eagle Loc 900:

- Allows for placement in areas with high water tables and acidic soils.
- Fits in tight, hard-to-reach areas other utility lines are present.
- Minimizes labor-intensive and expensive digging and trenching.
- Eliminates the need to pre-fuse the entire length of pipe.

Revised 5/4/2012. This information may have been updated. Please download the latest version at [www.jmeagle.com/onesheets](http://www.jmeagle.com/onesheets).



Building essentials  
for a better tomorrow™

# EAGLE LOC 900™

## SUBMITTAL AND DATA SHEET



### EAGLE LOC 900:

- Maintains performance against tuberculation, corrosion and external galvanic soil conditions without lining wrapping, coating or cathodic protection.
- Keeps its smooth interior over long years of service with virtually no loss in carrying capacity, allowing for savings in pumping costs, as well as savings on the size of the pipe required.
- Can be field-cut with a power saw or ordinary handsaw without the use of expensive or complicated machinery.

### EAGLE LOC 900 IS STRONG ENOUGH FOR ALL YOUR APPLICATIONS:

**Open Trench:** Less digging to accommodate external restraints and less time in the hole due to snap-together technology result in faster and less expensive installations.

**Road Bore:** Decreasing the profile of traditional external restraints allows for a smaller steel casing and smaller footprint in the right of way, as well as easier pullout.

**Horizontal Directional Drilling:** Requiring no special fusing equipment, it's perfect for hard-to-reach spots, high-traffic areas and wet soils, making it the fastest and least-labor-intensive installation method.

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	MIN. E (IN)	APPROX. D <sup>9</sup> (IN)	APPROX. WEIGHT (LBS/FT)
<b>PRESSURE CLASS 125 psi (DR 32.5)* Open Trench**</b>						
24	25.80	24.12	0.794	12.00	29.47	44.11
<b>PRESSURE CLASS 165 psi (DR 25)*</b>						
14	15.30	14.00	0.612	8.00	17.94	19.48
16	17.40	15.92	0.696	9.25	20.41	25.38
<b>PRESSURE CLASS 235 psi (DR 18)*</b>						
4	4.80	4.23	0.267	5.25	5.87	2.6
6	6.90	6.09	0.383	6.40	8.43	5.3
8	9.05	7.98	0.503	7.05	11.06	9.2
10	11.10	9.79	0.617	8.20	13.57	13.9
12	13.20	11.65	0.733	8.80	16.13	19.7
14	15.30	13.50	0.850	8.00	19.00	26.75
16	17.40	15.35	0.967	9.25	21.62	34.86
<b>PRESSURE CLASS 305 psi (DR 14)*</b>						
4	4.80	4.07	0.343	5.25	6.17	3.2
6	6.90	5.86	0.493	6.40	8.87	6.7
8	9.05	7.68	0.646	7.05	11.63	11.6
10	11.10	9.42	0.793	8.20	14.27	17.6
12	13.20	11.65	0.733	8.80	16.13	19.7

\* Pipe can be made in either blue, green or purple. Please contact your sales representative for more information.

\*\* Pressure class 125 psi (DR 32.5) is not recommended for the Horizontal Directional Drilling applications.