

Ultra Blue Seismic PVCO | C909

BIAXIALLY ORIENTED PVC WATER PIPE



AWWA C909
ASTM D1784 Cell Class 12454
UL 1285, ANSI/NSF 61,
ANSI/NSF 14

Gaskets: ASTM F477
Joints: ASTM D3139

DELIVERING GOOD WATER TO YOU

MARKETS



Seismic



Potable



Sewer



Reclaim

DESCRIPTION



ULTRA BLUE SEISMIC PVCO C909

Nominal Laying Length: 20 feet
(Laying length tolerances are in accordance with AWWA and ASTM standards)

CIOD (AWWA C909) PIPE SIZES:

6", 8", 10", 12", 16"

**24" Coming soon, please call for availability.*

Color:

■ Blue

■ Green

■ Purple

CIOD (AWWA C909)

305 psi

235 psi



BENEFITS

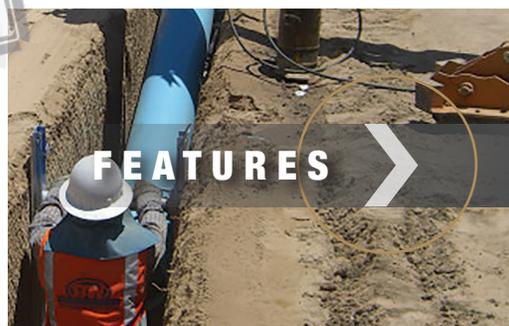


Engineered bell geometry specifically for seismic applications.

Up to 75% lighter than ductile iron for equivalent sizes, allowing for safe and simple installation.

Field-cut with a power saw or handsaw; bevel without complicated machinery.

No lining, wrapping, coating, or cathodic protection is needed to prevent galvanic corrosion.



Break, crush, and notch resistant.

Great impact strength, tensile strength is 77% higher compared to regular PVC.

Consistency in carrying capacity (flow coefficient, C=150), for savings in pumping and material costs.

PVCO holds a hydrostatic design basis (HDB) of 7,100 psi vs. 4,000 psi of conventional PVC.



*50 year warranty only applicable to C900/Eagle Loc 900, C905, C909, AWWA C901/C906. Check www.jmeagle.com/warranty for full details.

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DELIVERING GOOD WATER TO YOU

SUBMITTAL AND DATA SHEET

CIOD (AWWA C909)

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	APPROX. E ¹	APPROX. E ²	APPROX. D ⁹	APPROX. WGT (LBS/FT)
PRESSURE CLASS 305 psi*							
6	6.90	6.30	0.284	8.25	9.25	8.755	3.96
8	9.05	8.26	0.373	9.75	10.75	11.170	6.87
10	11.10	10.13	0.457	10.00	11.00	13.697	10.35
12	13.20	12.05	0.544	12.50	13.50	16.037	14.76
16	17.38	15.85	0.717	11.50	12.50	19.600	25.55
PRESSURE CLASS 235 psi*							
6	6.90	6.43	0.221	8.25	9.25	8.607	3.11
8	9.05	8.44	0.290	9.75	10.75	11.001	5.39
10	11.10	10.35	0.356	10.00	11.00	13.491	8.14
12	13.20	12.31	0.423	12.50	13.50	15.790	11.59
16	17.38	16.19	0.557	11.50	12.50	19.280	20.03

Product Standard: ANSI/AWWA C909

Pipe Compound:

ASTM D1784 Cell Class 12454

Gasket: ASTM F477

Integral Bell Joint: ASTM D3139

Certifications:

ANSI/NSF 61

* NSF 14

* UL1285

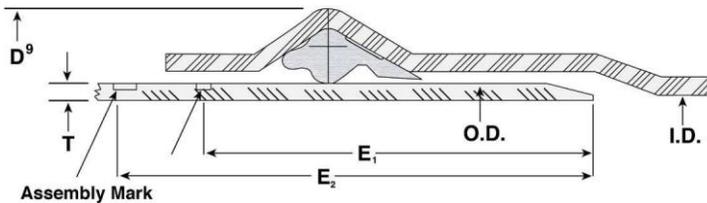
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Installation: JM Eagle™ Ultra Blue Installation Guide, AWWA C605

Manning Coefficient (n) = 0.009

Hazen-Williams Coefficient (c) = 150

*Please call regarding availability.



I.D.: Inside Diameter
O.D.: Outside Diameter
T: Wall Thickness
D⁹: Bell Outside Diameter

E₁: Distance between 1st Insertion/
Assembly Mark to the end of spigot.
E₂: Distance between 2nd Insertion/
Assembly Mark to the end of spigot.

