

Ultra Blue Seismic PVCO | C909

BIAXIALLY ORIENTED PVC WATER PIPE



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

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)

DIOD (AWWA C909) PIPE SIZES:

6", 8", 10", 12"
**16"- 24" Coming soon, please call for availability.*

Color:

■ Blue

■ Green

■ Purple

DIOD (AWWA C909)

305 psi

235 psi



BENEFITS

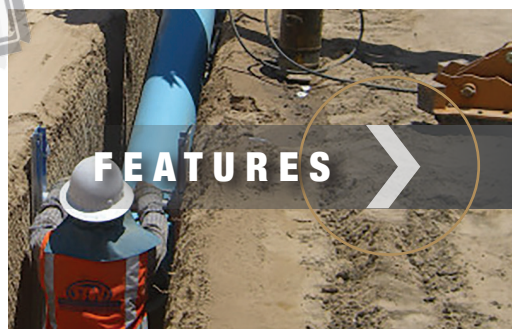


Engineered bell geometry specifically for seismic applications.

Lightweight, great for manual installation; no pipe puller needed.

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.



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SUBMITTAL AND DATA SHEET

DIOD (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	8.607	3.96
8	9.05	8.26	0.373	9.75	10.75	11.001	6.87
10	11.10	10.13	0.457	10.00	11.00	13.491	10.35
12	13.20	12.05	0.544	12.50	13.50	15.790	14.76
PRESSURE CLASS 235 psi							
6	6.90	6.43	0.221	8.25	9.25	8.755	3.11
8	9.05	8.44	0.290	9.75	10.75	11.170	5.39
10	11.10	10.35	0.356	10.00	11.00	13.697	8.14
12	13.20	12.31	0.423	12.50	13.50	16.037	11.59

Product Standard: ANSI/AWWA C909

Pipe Compound:
ASTM D1784 Cell Class 12454

Gasket: ASTM F477

Integral Bell Joint: ASTM D3139

Certifications:

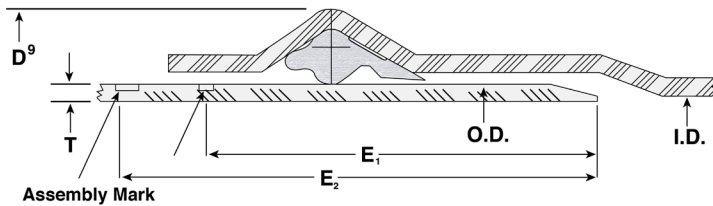
ANSI/NSF 61
UL1285

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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.

