



ULTRA BLUE SEISMIC PVCO C909

**SEISMIC RESISTANT BIAXIALLY
ORIENTED PVC WATER PIPE**

Product One Sheet >

Ultra Blue Seismic PVCO | C909

SEISMIC RESISTANT BIAXIALLY ORIENTED PVC WATER PIPE



AWWA C909 ASTM D1784 Cell Class 12454
UL 1285, ANSI/NSF 61,
ANSI/NSF 14 CSA B137.3.1

GASKETS: ASTM F714

JOINTS: ASTM D3139

MARKETS



DESCRIPTION



ULTRA BLUE SEISMIC PVCO C909

Nominal Laying Length: **20 feet**

(Laying length tolerances are in accordance with AWWA and ASTM standards)

PIPE SIZES

6" 8" 10" 12" 16" 24"

PIPE COLOR

BLUE

GREEN

PURPLE

C10D (AWWA C909)

305 psi

235 psi



BENEFITS

INSTALLATION

- Bell geometry engineered 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.

FEATURES

- 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 for conventional PVC.



Ultra Blue Seismic PVCO | C909

SEISMIC RESISTANT BIAXIALLY ORIENTED PVC WATER PIPE



SUBMITTAL AND DATA SHEET

CIOD (AWWA C909)

PIPE SIZE (IN)	AVG. O.D. (ID)	NOM. I.D. (IN)	MIN. T. (IN)	APPROX. E ¹	APPROX. E ²	APPROX. D ³	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	17.40	15.85	0.717	11.50	12.50	19.600	25.55
24	25.80	23.57	1.063	16.25	17.25	33.050	57.61
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	17.40	16.19	0.557	11.50	12.50	19.280	20.03
24	25.80	24.06	0.827	16.25	17.25	29.960	45.25

PRODUCT STANDARD

ANSI/AWWA C909

PIPE COMPOUND:

ASTM D1784 Cell Class 12454

INSTALLATION

JM Eagles™ Blue Brute/Big Blue /Ultra Blue Installation Guide

GASKET

ASTM F477

CERTIFICATION

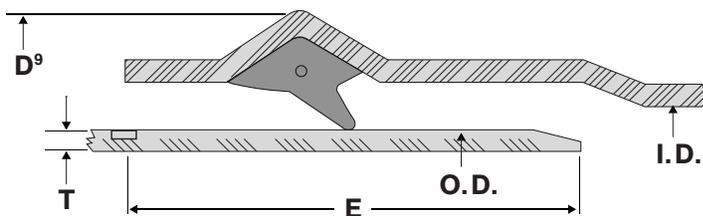
ANSI/NSF 61
* NSF 14
* UL1285
CSA B137.3.1

NOMINAL LAYING LENGTH

20 feet

(Laying length tolerances are in accordance with AWWA and ASTM standards.)

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



- I.D.** - Inside Diameter
- O.D.** - Outside Diameter
- E** - Distance between Assembly Marks and the end of the spigot.
- T** - Wall Thickness
- D³** - Bell Outside Diameter

