

Ultra Blue™ PVCO | C909

BIAXIALLY ORIENTED PVC WATER PIPE



MADE IN AMERICA



AWWA C909 UL 1285,
ANSI/NSF 61/14

MARKETS



POTABLE

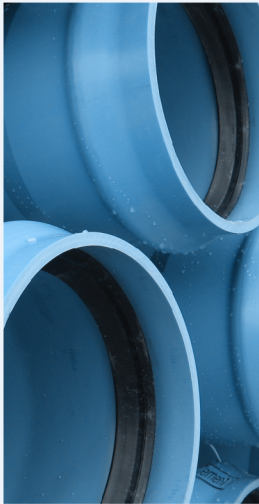


RECLAIM



SEWER

DESCRIPTION



ULTRA BLUE™ 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"

PIPE COLOR

BLUE

GREEN

PURPLE

CIOD (AWWA C909)

305 psi

235 psi

165 psi



BENEFITS



INSTALLATION

- 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.

FEATURES

- Break, crush, and notch resistant.
- Great impact strength, tensile strength is 77% higher compared to traditional PVC.
- Corrosion resistant, safe, long-lasting and stable solution for a modern infrastructure.
- Consistency in carrying capacity (flow coefficient, C=150), for savings in pumping and material costs.

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

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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 ⁹	APPROX. WGT (LBS/FT)
PRESSURE CLASS: 305 psi							
PIPE STIFFNESS: 178 psi							
6	6.90	6.30	0.284	5.00	6.00	8.750	4.057
8	9.05	8.26	0.373	5.75	6.75	11.075	7.755
10	11.10	10.13	0.457	6.50	7.50	13.625	10.790
12	13.20	12.05	0.544	7.00	8.00	15.950	15.300
16	17.40	15.85	0.717	11.50	12.50	19.600	25.550
24	25.80	23.57	1.063	16.25	17.25	33.050	57.613
PRESSURE CLASS: 235 psi							
PIPE STIFFNESS: 81 psi							
6	6.90	6.43	0.221	5.00	6.00	8.500	3.443
8	9.05	8.44	0.290	5.75	6.75	10.900	5.873
10	11.10	10.35	0.356	6.50	7.50	13.375	8.480
12	13.20	12.31	0.423	7.00	8.00	15.650	11.983
16	17.40	16.19	0.557	11.50	12.50	19.280	20.039
24	25.80	24.06	0.827	16.25	17.25	29.960	45.250
PRESSURE CLASS: 165 psi							
PIPE STIFFNESS: 28 psi							
16	17.40	16.55	0.395	9.00	10.00	20.110	15.030

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

INTEGRAL BELL JOINT

ASTM D3139

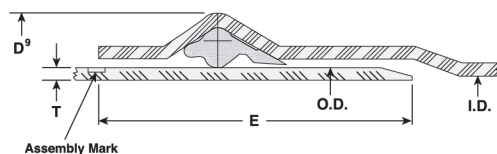
CERTIFICATION

ANSI/NSF 61
ANSI/NSF 14
UL1285

NOMINAL LAYING LENGTH

20 feet

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



I.D. - Inside Diameter

O.D. - Outside Diameter

T - Wall Thickness

D⁹ - Bell Outside Diameter

E - Distance between Assembly Mark and the end of the spigot.

