

# Ultra Blue | PVCO

SEISMIC RESISTANT WATER PIPE



DELIVERING GOOD WATER TO YOU



AWWA C909, ASTM F1483  
UL 1285, ANSI/NSF 61/14

Gaskets: ASTM F477  
Joints: ASTM D3139

## MARKETS



Potable



Sewer



Reclaim



Seismic

## DESCRIPTION



### ULTRA BLUE PVCO

**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"

### IPS (ASTM F1483) PIPE SIZES:

6", 8", 10", 12"

Color:

■ Blue

■ Green

■ Purple

### CIOD (AWWA C909)

305 psi

235 psi

165 psi

### IPS (ASTM F1483)

200 psi



## BENEFITS

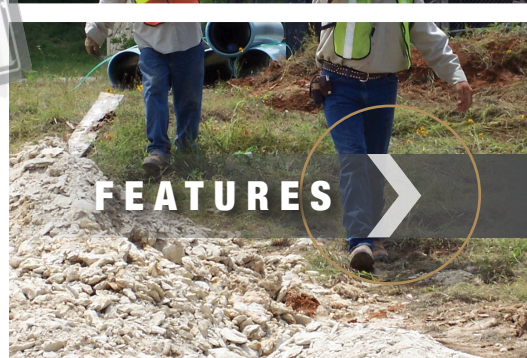


### INSTALLATION

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 regular PVC.

Corrosive 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.



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## SUBMITTAL AND DATA SHEET

### CIOD (AWWA C909)

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	AVG. E (IN)	APPROX. D <sup>9</sup> (IN)	APPROX. WGT (LBS/FT)
PRESSURE CLASS 305 psi						
PIPE STIFFNESS: 178 psi						
6	6.90	6.30	0.284	5.75	8.75	4.06
8	9.05	8.26	0.373	6.5	11.075	7.56
10*	11.10	10.13	0.457	7.25	13.625	10.79
12*	13.20	12.05	0.544	7.75	15.95	15.30
PRESSURE CLASS 235 psi						
PIPE STIFFNESS: 81 psi						
6	6.90	6.43	0.221	5.75	8.5	3.21
8	9.05	8.44	0.290	6.5	10.90	5.50
10	11.10	10.35	0.356	7.25	13.375	8.36
12	13.20	12.31	0.423	7.75	15.650	11.87
PRESSURE CLASS 165 psi						
PIPE STIFFNESS: 28 psi						
16	17.40	16.56	0.395	9.5	20.11	14.514

**Product Standard:** ANSI/AWWA C909

**Pipe Compound:**

ASTM D1784 Cell Class 12454

**Gasket:** ASTM F477

**Integral Bell Joint:** ASTM D3139

**Certifications:**

ANSI/NSF 61, ANSI/NSF 14\*  
UL1285

**Nominal Laying Length:** 20 feet

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

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

Manning Coefficient (n) = 0.009

Hazen-Williams Coefficient (c) = 150

\*Please call regarding availability.

### IPS (ASTM F1483)

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	AVG. E (IN)	APPROX. D <sup>9</sup> (IN)	APPROX. WGT (LBS/FT)
PRESSURE CLASS 200 psi						
PIPE STIFFNESS: 48 psi						
6	6.625	6.24	0.182	4.5	8.125	2.5
8	8.625	8.13	0.236	4.5	10.25	4.2
10	10.75	10.13	0.295	5.5	12.25	6.4
12	12.75	12.02	0.349	5.5	14.75	8.9

**Product Standard:** ASTM F1483

**Pipe Compound:**

ASTM D1784 Cell Class 12454

**Gasket:** ASTM F477

**Integral Bell Joint:** ASTM D3139

**Certifications:**

ANSI/NSF 61, ANSI/NSF 14

**Nominal Laying Length:** 20 feet

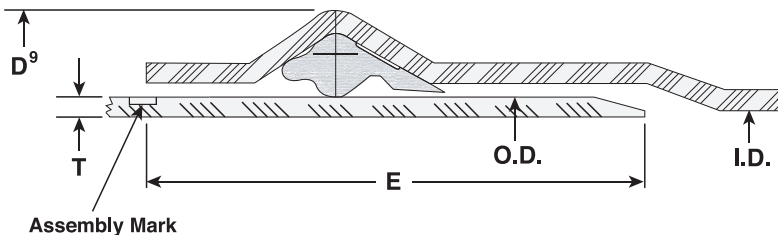
(Laying length tolerances are in accordance with AWWA and ASTM standards)

**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      D<sup>9</sup>: Bell Outside Diameter  
O.D.: Outside Diameter      E: Distance between Assembly Mark and the end of the spigot.  
T: Wall Thickness

