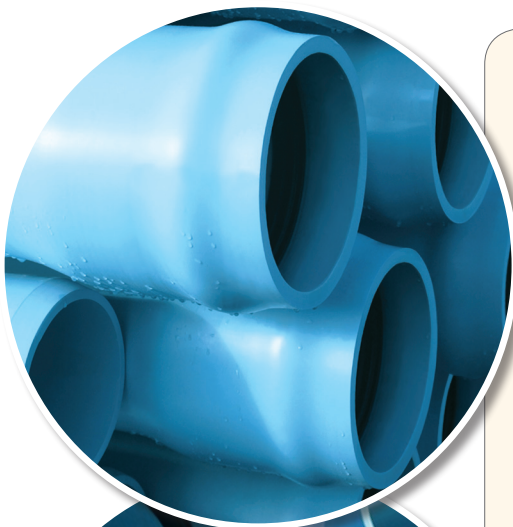




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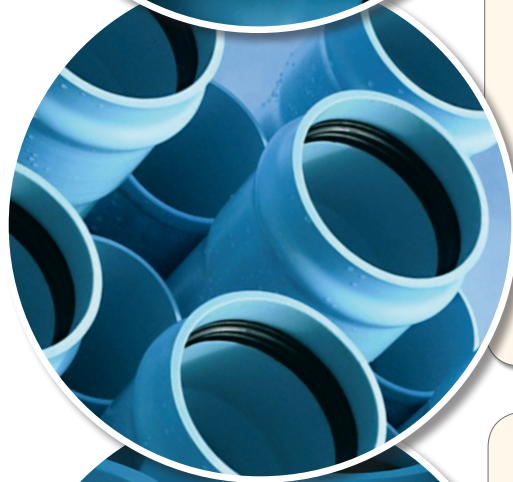
BIG BLUE™

MEETS AWWA C905 AND ASTM D1784 CELL CLASS 12454;
GASKETS MEET ASTM F477; JOINTS MEET ASTM D3139.



APPLICATIONS

JM Eagle's Big Blue C905 pipe is suitable for use in distribution pipelines of potable water, as well as gravity sewer, force main and water reclamation projects.

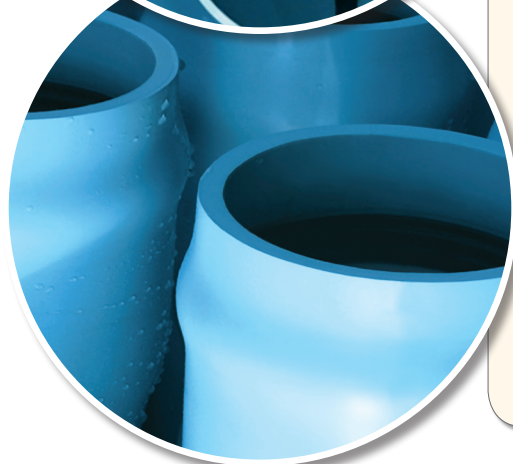


DESCRIPTION

JM Eagle Big Blue is available in blue, white, purple and green, in standard laying lengths of 20 feet. Non-hydrotested pipe is available upon request in lengths of 14 feet.

The pipe conforms to cast-iron ODs and is available in DR 18 (235 psi) for sizes 14 to 24 inches in diameter; DR 21 (200 psi) for sizes 14 to 36 inches in diameter; DR 32.5 (125 psi), DR 25 (165 psi) and DR 41 (100 psi) for sizes 14 to 48 inches in diameter; and DR 51 (80 psi) for sizes 18 to 48 inches in diameter. A length of 16-inch DR 25 water pipe weighs approximately 500 pounds.

Big Blue water pipe has the long-term hydrostatic strength to meet the accepted high safety requirements of municipal water systems. It carries approval of ANSI/NSF Standard 61 and UL 1285.



BENEFITS

JM Eagle Big Blue 905 large-diameter pipe is the safe, long-lasting and stable solution for a modern infrastructure. Big Blue:

- Maintains performance against tuberculation, corrosion and external galvanic soil conditions without lining wrapping, coating or cathodic protection.
- Keeps its smooth interior over long years of service with virtually no loss in carrying capacity, allowing for savings in pumping costs, as well as savings on the size of the pipe required.
- Can be field-cut with a power saw or ordinary handsaw and be beveled without the use of expensive or complicated machinery.

Revised 6/23/2011. This information may have been updated. Please download the latest version at www.jmeagle.com/onesheets.

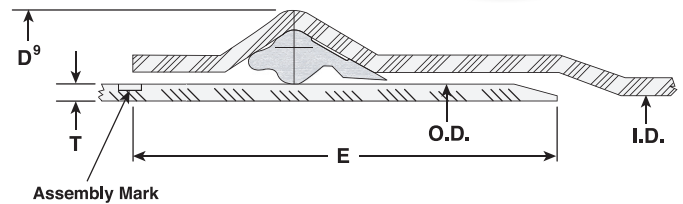


BIG BLUE™

SUBMITTAL AND DATA SHEET



PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	MIN. E (IN)	APPROX. D ⁹ (IN)	APPROX. WEIGHT (LBS/FT)
Rated 235 psi (DR 18)						
14	15.30	13.50	0.850	8.00	19.00	26.75
16	17.40	15.35	0.967	9.25	21.62	34.86
18	19.50	17.20	1.083	13.00	24.22	48.95
20	21.60	19.06	1.200	14.50	26.85	54.22
24	25.80	22.76	1.433	12.00	32.06	77.97
Rated 200 psi (DR 21)*						
14	15.30	13.75	0.729	8.00	18.22	23.07
16	17.40	15.64	0.829	9.25	20.72	30.04
18	19.50	17.53	0.929	13.00	23.22	37.27
20	21.60	19.42	1.029	14.50	25.72	46.71
24	25.80	23.19	1.229	12.00	30.72	67.53
30	32.00	28.77	1.524	16.75	38.10	103.71
36	38.30	34.43	1.824	19.02	45.60	152.16
Rated 165 psi (DR 25)						
14	15.30	14.00	0.612	8.00	17.94	19.48
16	17.40	15.92	0.696	9.25	20.41	25.38
18	19.50	17.85	0.780	13.00	22.87	31.99
20	21.60	19.77	0.864	14.50	25.34	39.46
24	25.80	23.61	1.032	12.00	30.27	56.98
30	32.00	29.29	1.280	16.75	37.12	88.49
36	38.30	35.05	1.532	19.02	44.43	128.41
42	44.50	40.73	1.780	22.43	51.62	176.02
48*	50.80	46.49	2.032	24.78	58.93	231.22
Rated 125 psi (DR 32.5)*						
14	15.30	14.30	0.471	8.00	17.48	15.14
16	17.40	16.27	0.535	9.25	19.88	19.63
18	19.50	18.23	0.600	13.00	23.30	24.75
20	21.60	20.19	0.665	14.50	24.38	30.54
24	25.80	24.12	0.794	12.00	29.47	44.11
30	32.00	29.91	0.985	16.75	35.94	68.45
36	38.30	35.80	1.178	19.02	43.01	99.22
42	44.50	41.60	1.369	22.43	49.98	135.49
48	50.80	47.49	1.563	24.78	56.73	178.49
Rated 100 psi (DR 41)						
14	15.30	14.52	0.37	8.00	16.07	12.01
16	17.40	16.51	0.42	9.25	18.28	15.63
18	19.50	18.50	0.47	13.00	20.49	19.72
20	21.60	20.49	0.52	14.50	22.70	24.31
24	25.80	24.48	0.62	12.00	27.11	35.10
30	32.00	30.35	0.78	16.75	35.12	54.65
36	38.30	36.30	0.93	19.02	42.04	78.97
42	44.50	42.18	1.08	22.43	48.84	108.19
48	50.80	48.14	1.23	24.78	55.76	142.10
Rated 80 psi (DR 51)**						
18	19.50	18.69	0.382	11.09	20.30	15.92
24	25.80	24.72	0.506	14.90	26.86	28.39
30	32.00	30.67	0.627	16.75	34.50	44.08
36	38.30	36.71	0.751	19.02	41.30	64.32
42	44.50	42.65	0.872	22.43	47.99	88.10
48	50.80	48.69	0.996	24.78	54.78	115.79



- I.D. : Inside Diameter
- O.D. : Outside Diameter
- T : Wall Thickness
- D⁹ : Bell Outside Diameter
- E : Distance between Assembly Mark to the end of spigot.

- Product Standard: ANSI/AWWA C905
- Pipe Compound: ASTM D1784 Cell Class 12454
- Gasket: ASTM F477
- Integral Bell Joint: ASTM D3139
- Certifications: ANSI/NSF Standard 61
UL Standard 1285
- Pipe Length: 20 feet laying length
- Installation: AWWA C605
JM Eagle™ Installation Guide

* Prior to ordering or specifying, consult JM Eagle™ for product and/or listing availability.
 ** UL 1285 up to 24"



BIG BLUE™

SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	MIN. E (IN)	APPROX. D ⁹ (IN)	APPROX. WEIGHT (LBS/FT)
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14	15.30	13.50	0.850	8.00	19.00	26.75
16	17.40	15.35	0.967	9.25	21.62	34.86
18	19.50	17.20	1.083	13.00	24.22	48.95
20	21.60	19.06	1.200	14.50	26.85	54.22
24	25.80	22.76	1.433	12.00	32.06	77.97
Rated 200 psi (DR 21)*						
14	15.30	13.75	0.729	8.00	18.22	23.07
16	17.40	15.64	0.829	9.25	20.72	30.04
18	19.50	17.53	0.929	13.00	23.22	37.27
20	21.60	19.42	1.029	14.50	25.72	46.71
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14	15.30	14.30	0.471	8.00	17.48	15.14
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24	25.80	24.12	0.794	12.00	29.47	44.11
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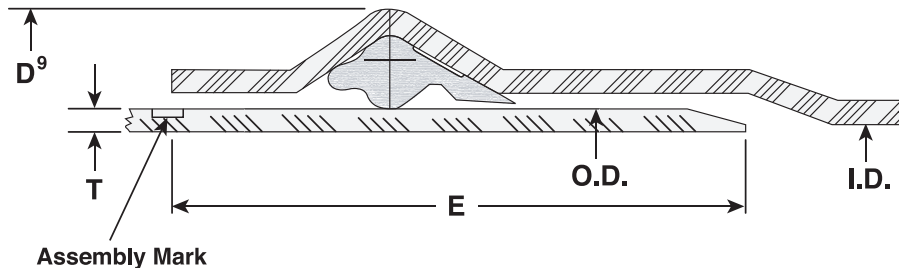
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PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	MIN. E (IN)	APPROX. D ⁹ (IN)	APPROX. WEIGHT (LBS/FT)
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14	15.30	14.52	0.37	8.00	16.07	12.01
16	17.40	16.51	0.42	9.25	18.28	15.63
18	19.50	18.50	0.47	13.00	20.49	19.72
20	21.60	20.49	0.52	14.50	22.70	24.31
24	25.80	24.48	0.62	12.00	27.11	35.10
30	32.00	30.35	0.78	16.75	35.12	54.65
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