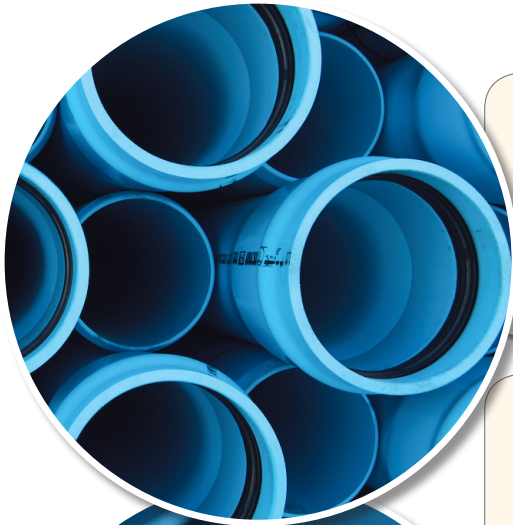




DELIVERING GOOD WATER TO YOU

BLUE BRUTE™

MEETS AWWA C900 AND ASTM D1784 CELL CLASS 12454;
GASKETS MEET ASTM F477; JOINTS MEET ASTM D3139.



APPLICATIONS

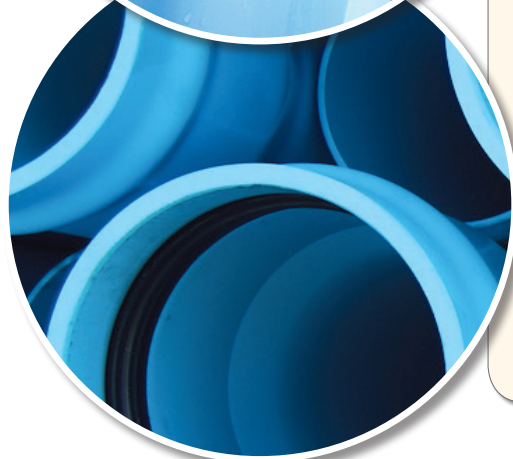
JM Eagle's Blue Brute C900 pipe is suitable for use in distribution pipelines of potable water, as well as gravity sewer, force main and water reclamation projects.



DESCRIPTION

JM Eagle Blue Brute C900 is available in 4-through 48-inch diameters, in blue, white, purple and green. It comes in standard laying lengths of 20 feet.

The pipe conforms to AWWA C900 pressure class 165 psi (DR 25), 235 psi (DR 18), 305 psi (DR 14), 200 psi (DR 21), 125 psi (DR 32.5), 100 psi (DR 41), and 80 psi (DR 51). It carries approval of ANSI/NSF Standard 61, UL 1285 and FM 1612 (DR 18 and DR 14 only).



BENEFITS

JM Eagle Blue Brute C900 pipe is the safe, long-lasting and stable solution for a modern infrastructure. Blue Brute:

- 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 beveled without the use of expensive or complicated machinery.

Revised 1/27/2017. This information may have been updated. Please download the latest version at www.jmeagle.com/onesheets.



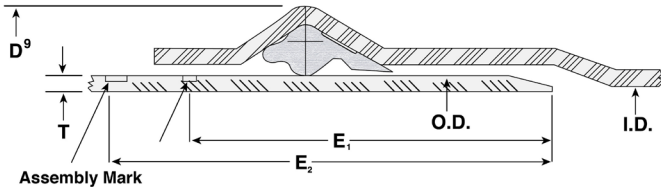
DELIVERING GOOD WATER TO YOU

BLUE BRUTE™

SUBMITTAL AND DATA SHEET



PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	E ₁ (IN)	E ₂ (IN)	APPROX. D ⁹ (IN)	APPROX. WEIGHT (LBS/FT)
Rated psi 305 (DR 14)							
4	4.80	4.07	0.343	4.5	5.5	6.17	3.2
6	6.90	5.86	0.493	5.25	6.25	8.87	6.7
8	9.05	7.68	0.646	6.25	7.25	11.63	11.6
16	17.40	14.85	1.242	7 1/8	8 1/8	21.68	43.77
Rated 235 psi (DR 18)							
4	4.80	4.23	0.267	4.5	5.5	5.87	2.6
6	6.90	6.09	0.383	5.25	6.25	8.43	5.3
8	9.05	7.98	0.503	6.25	7.25	11.06	9.2
10	11.10	9.79	0.617	7.25	8.25	13.57	13.9
12	13.20	11.65	0.733	8.25	9.25	16.13	19.7
14	15.30	13.50	0.850	7 1/8	8 1/8	19.00	26.75
16	17.40	15.35	0.967	8 1/2	9 1/4	21.62	34.86
18	19.50	17.20	1.083	8 3/8	9 1/8	24.22	48.95
20	21.60	19.06	1.200	9	10 1/8	26.85	54.22
24	25.80	22.76	1.433	10	11 1/4	32.06	77.97
30	32.00	28.23	1.778	11 7/8	13 1/8	37.81	117.82
Rated 200 psi (DR 21)*							
14	15.30	13.75	0.729	7 1/8	8 1/8	18.22	23.07
16	17.40	15.64	0.829	8 1/2	9 1/2	20.72	30.04
18	19.50	17.53	0.929	8 3/8	9 1/8	23.22	37.27
20	21.60	19.42	1.029	9	10 1/8	25.72	46.71
24	25.80	23.19	1.229	10	11 1/4	30.72	67.53
30	32.00	28.77	1.524	11 7/8	13 1/8	38.10	103.71
36	38.30	34.43	1.824	12 3/8	14 1/8	45.60	152.16



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.

Product Standard: ANSI/AWWA C900
Pipe Compound: ASTM D1784 Cells Class 12454
Gasket: ASTM F477
Integral Bell Joint: ASTM D3139
Certifications: ANSI/NSF Standard 61, UL Standard 1285
Pipe Length: 20 feet (+/- 1") laying length, AWWA C605
Installation: JM Eagle™ Installation Guide

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	E ₁ (IN)	E ₂ (IN)	APPROX. D ⁹ (IN)	APPROX. WEIGHT (LBS/FT)
Rated 165 psi (DR 25)							
4	4.80	4.39	0.192	4.5	5.5	5.57	1.9
6	6.90	6.31	0.276	5.25	6.25	8.00	3.9
8	9.05	8.28	0.362	6.25	7.25	10.50	6.7
10	11.10	10.16	0.444	7.25	8.25	12.88	10.1
12	13.20	12.08	0.528	8.25	9.25	15.31	14.4
14	15.30	14.00	0.612	7 1/8	8 1/8	17.94	19.48
16	17.40	15.92	0.696	8 1/2	9 1/2	20.41	25.38
18	19.50	17.85	0.780	8 3/8	9 1/8	22.87	31.99
20	21.60	19.77	0.864	9	10 1/8	25.34	39.46
24	25.80	23.61	1.032	10	11 1/4	30.27	56.98
30	32.00	29.29	1.280	11 7/8	13 1/8	37.12	88.49
36	38.30	35.05	1.532	12 3/8	14 1/8	44.43	128.41
42	44.50	40.73	1.780	14 1/8	16 3/8	51.85	176.02
48*	50.80	46.49	2.032	14 7/8	17 3/8	58.93	231.22
Rated 125 psi (DR 32.5)*							
14	15.30	14.30	0.471	7 1/8	8 1/8	17.48	15.14
16	17.40	16.27	0.535	8 1/2	9 1/2	19.88	19.63
18	19.50	18.23	0.600	8 3/8	9 1/8	23.30	24.75
20	21.60	20.19	0.665	9	10 1/8	24.38	30.54
24	25.80	24.12	0.794	10	11 1/4	29.47	44.11
30	32.00	29.91	0.985	11 7/8	13 1/8	36.55	68.45
36	38.30	35.80	1.178	12 3/8	14 1/8	43.10	99.22
48	50.80	47.49	1.563	14 7/8	17 3/8	57.61	178.49
Rated 100 psi (DR 41)							
14	15.30	14.52	0.37	7 1/8	8 1/8	16.07	12.01
16	17.40	16.51	0.42	8 1/2	9 1/2	18.28	15.63
18	19.50	18.50	0.47	8 3/8	9 1/8	20.49	19.72
20	21.60	20.49	0.52	9	10 1/8	22.70	24.31
24	25.80	24.48	0.62	10	11 1/4	27.11	35.10
30	32.00	30.35	0.78	11 7/8	13 1/8	36.12	54.65
36	38.30	36.30	0.93	12 3/8	14 1/8	42.60	78.97
42	44.50	42.18	1.08	14 1/8	16 3/8	50.34	108.19
48	50.80	48.14	1.23	14 7/8	17 3/8	56.98	142.10
Rated 80 psi (DR 51)*							
30	32.00	30.67	0.627	11 7/8	13 1/8	35.77	44.08
36	38.30	36.71	0.751	12 3/8	14 1/8	42.15	64.32
42	44.50	42.65	0.872	14 1/8	16 3/8	49.85	88.10
48	50.80	48.69	0.996	14 7/8	17 3/8	56.43	115.79

Consult JM Eagle™ for CSA and other listing availability prior to shipment.
Note: *FM Approvals Pressure Class 185 psi for DR 18 and 250 psi for DR 14.
 *Contact your JM Eagle™ sales representative for location availability.