

# Blue Brute | C900

PRESSURE-RATED PVC PIPE



DELIVERING GOOD WATER TO YOU

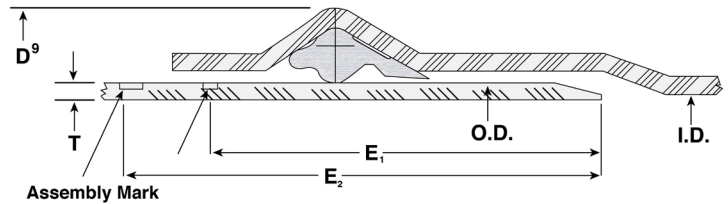
## SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	MIN. E <sub>1</sub> (IN)	MIN. E <sub>2</sub> (IN)	APPROX. D' (IN)	APPROX. WGT (LBS/FT)
PRESSURE CLASS 305 psi (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
10	11.10	9.42	0.793	7.25	8.25	14.27	17.6
12	13.20	11.20	0.943	8.25	9.25	16.97	25.1
16	17.40	14.85	1.242	7 1/8	8 1/8	21.68	43.77
24	25.80	21.89	1.843	9.75	11.25	31.15	98.33
PRESSURE CLASS 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	6.5	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
PRESSURE CLASS 200 psi (DR 21)*							
14	15.30	13.75	0.729	6.5	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
PRESSURE CLASS 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	6.5	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
PRESSURE CLASS 125 psi (DR 32.5)*							
14	15.30	14.30	0.471	6.5	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

PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	MIN. E <sub>1</sub> (IN)	MIN. E <sub>2</sub> (IN)	APPROX. D' (IN)	APPROX. WGT (LBS/FT)
PRESSURE CLASS 100 psi (DR 41)							
14	15.30	14.52	0.373	6.5	8	16.07	12.01
16	17.40	16.51	0.424	8 1/2	9 1/2	18.28	15.63
18	19.50	18.50	0.476	8 3/8	9 1/8	20.49	19.72
20	21.60	20.49	0.527	9	10 1/8	22.70	24.31
24	25.80	24.48	0.629	10	11 1/4	27.11	35.10
30	32.00	30.35	0.780	11 7/8	13 1/8	36.12	54.65
36	38.30	36.30	0.934	12 3/8	14 1/8	42.60	78.97
42	44.50	42.18	1.085	14 1/8	16 3/8	50.34	108.19
48	50.80	48.14	1.239	14 7/8	17 3/8	56.98	142.10
PRESSURE CLASS 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	49.69	0.996	14 7/8	17 3/8	56.43	115.79
48	50.80	48.69	0.996	14 7/8	17 3/8	56.43	115.79

Pipe Length: 20 feet (+/- 1") laying length

Installation: JM Eagle™ Installation Guide, AWWA C605



- I.D.: Inside Diameter
- O.D.: Outside Diameter
- T: Wall Thickness
- D<sup>9</sup>: Bell Outside Diameter
- E<sub>1</sub>: Distance between 1st Insertion/Assembly Mark to the end of spigot.
- E<sub>2</sub>: Distance between 2nd Insertion/Assembly Mark to the end of spigot.

Product Standard: ANSI/AWWA C900-16, CSA B137.3\*

Pipe Compound: ASTM D1784 Cell Class 12454

Gasket: ASTM F477

Integral Bell Joint: ASTM D3139

Certifications: ANSI/NSF 61, ANSI/NSF 14\*

UL 1285 (up to 24"), FM 1612\* (DR 14 / DR 18; 4-12"), CSA B137.3\*

Note: FM Approvals Pressure Class 185 psi for DR 18 and 250 psi for DR 14.

\*Supply may vary based on plant location. Please call regarding availability.

