



Building essentials
for a better tomorrow™

BIG BLUE™

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)							
16	17.40	14.85	1.242	8 ½	9 ½	21.68	43.77
Rated 235 psi (DR 18)							
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 ½	9 4/8	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 2/8	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 4/8	9 4/8	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 2/8	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
Rated 165 psi (DR 25)							
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 4/8	9 4/8	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 2/8	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 4/8	9 4/8	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 2/8	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
42	44.50	41.60	1.369	14 1/8	16 3/8	50.93	135.49
48	50.80	47.49	1.563	14 7/8	17 3/8	57.61	178.49

Revised 08/01/14 This information may have been updated. Please download the latest version at www.jmeagle.com.



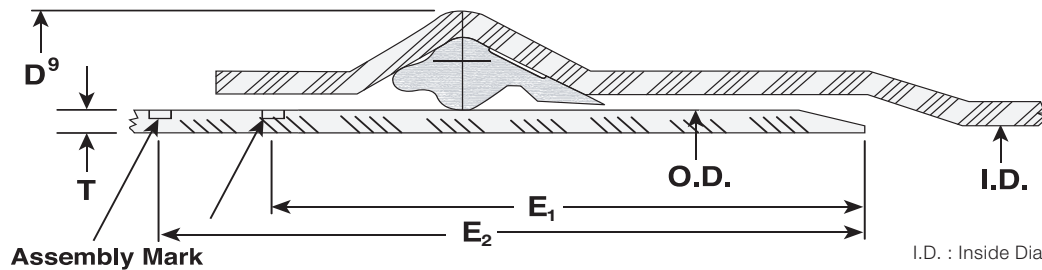
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PIPE SIZE (IN)	AVERAGE O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	E ₁ (IN)	E ₂ (IN)	APPROX. D ⁹ (IN)	APPROX. WEIGHT (LBS/FT)
Rated 100 psi (DR 41)							
14	15.30	14.52	0.37	7 1/8	8 1/8	16.07	12.01
16	17.40	16.51	0.42	8 4/8	9 4/8	18.28	15.63
18	19.50	18.50	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 2/8	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)**							
18	19.50	18.69	0.382	8 3/8	9 1/8	20.30	15.92
24	25.80	24.72	0.506	10	11 1/4	26.86	28.39
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

* Prior to ordering or specifying, consult JM Eagle™ for product and/or listing availability.

** UL 1285 up to 24"



- 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 C905
- Pipe Compound: ASTM D1784 Cells Class 12454
- Gasket: ASTM F477
- Integral Bell Joint: ASTM D3139
- Certifications: ANSI/NSF Standard 61
UL Standard 1285 (up to 24")
- Pipe Length: 20 feet (+/- 1") laying length
- Installation: AWWA C605
JM Eagle™ Installation Guide

NOTE: Assemble the spigot into the bell until the first reference mark (E1) is covered by the lip of the bell. DO NOT ASSEMBLE PAST THE SECOND REFERENCE MARK, THIS MARK SHALL REMAIN VISIBLE