

AWWA C900 Distribution Pipe, Cast Iron Pipe Size (Gasketed)

August 2004

Pressure Class 100 psi - DR 25

UL Listed

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
4	4.800	4.38	0.192	190
6	6.900	6.30	0.276	380
8	9.050	8.27	0.362	660
10	11.100	10.15	0.444	1010
12	13.200	12.07	0.528	1410

Pressure Class 150 psi - DR 18

UL Listed, FM Approved

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
4	4.800	4.22	0.267	260
6	6.900	6.08	0.383	520
8	9.050	7.97	0.503	890
10	11.100	9.78	0.617	1340
12	13.200	11.63	0.733	1910

Pressure Class 200 psi - DR 14

UL Listed, FM Approved

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
4	4.800	4.06	0.343	320
6	6.900	5.84	0.493	650
8	9.050	7.66	0.646	1120
10	11.100	9.40	0.793	1690
12	13.200	11.18	0.943	2400

AWWA C905 Transmission Pipe, Cast Iron Pipe Size (Gasketed)

Pressure Rated 165 psi - DR 25

UL Listed

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
14	15.300	13.99	0.612	1890
16	17.400	15.91	0.696	2470
18	19.500	17.83	0.780	3090
20	21.600	19.75	0.864	3790
24	25.800	23.59	1.032	5430

Pressure Rated 235 psi - DR 18

UL Listed

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
14	15.300	13.48	0.850	2570
16	17.400	15.33	0.967	3350
18	19.500	17.18	1.083	4200
20	21.600	19.03	1.200	5200
24	25.800	23.73	1.433	7730

Pipe Material: Pipe compound meets ASTM D 1784, cell class 12454.

Pipe Joints: Pipe is manufactured with thickened integral bells; bells include elastomeric gaskets. The gasket meets the requirements of ASTM F 477.

Agency: Certified by Underwriters Laboratories, Inc.® to ANSI/NSF Standard 61. Underwriters Laboratories, Inc.® also tests our C900 to the requirements of the Uniform Plumbing Code™.

Installation: The pipe system design engineer and installer should refer to the following installation guides: AWWA C605 and PWEagle's *Installation Guide for PVC Water Pipe*.

Hydrostatic

Proof Testing: Every standard and random length of PWEagle's C900 and C905 pipe is individually pressure tested to the requirements of AWWA.

PWEagle C900/C905 products also undergo additional in-house quality assurance testing, such as impact resistance, flattening, quick burst, and extrusion quality, where applicable.

