**Available Pipe Sizes (CIOD)**


**Nominal Laying length** = 20 feet (Laying length tolerances are in accordance with AWWA and CSA standards)

**Color:**
- Blue
- Green
- Purple
- White

**AWWA C900-16**
- 305 psi (DR 14)
- 235 psi (DR 18)
- 200 psi (DR 21)
- 165 psi (DR 25)
- 125 psi (DR 32.5)
- 100 psi (DR 41)
- 80 psi (DR 51)

**CSA B137.3**
- 309 psi (DR 14)
- 235 psi (DR 18)
- 167 psi (DR 25)

**Note:** FM Approvals Pressure Class 185 psi for DR18 and 250 psi for DR14.

**Gasket:** ASTM F477  
**Joint:** ASTM D3139

**INSTALLATION**

Field-cut with a power saw or handsaw; bevel without complicated machinery.

Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.

**FEATURES**

Corrosive resistant, safe, long-lasting, and stable solution for a modern infrastructure.

Consistency in carrying capacity (flow coefficient, C=150), for savings in pumping costs, and size of the pipe.

*50 year warranty only applicable to C900/Eagle Loc 900, C905, C909, AWWA C901/C906. Check www.jmeagle.com/warranty for full details.*
# Submittal and Data Sheet

**Blue Brute C900 Pressure-Rated PVC Pipe**

**Pressure-Rated PVC Pipe Submittal and Data Sheet**

**Pipe Size (IN)** | **Average O.D. (IN)** | **Nom. I.D. (IN)** | **Min. T. (IN)** | **Approx. E. (IN)** | **Approx. E.** | **Approx. D** | **Approx. Wgt. (LBS/FT)**
---|---|---|---|---|---|---|---
4 | 4.80 | 4.07 | 0.343 | 4.5 | 5.5 | 6.365 | 3.2 |
6 | 6.00 | 5.86 | 0.493 | 5.25 | 6.25 | 8.887 | 8.7 |
8 | 9.05 | 7.68 | 0.646 | 6.25 | 7.25 | 11.499 | 11.6 |
10 | 11.10 | 9.42 | 0.793 | 7.25 | 8.25 | 14.072 | 17.6 |
12 | 13.20 | 11.20 | 0.943 | 8.25 | 9.25 | 16.57 | 25.1 |
16 | 17.40 | 14.85 | 1.342 | 7.25 | 8.75 | 21.637 | 43.7 |
20 | 21.60 | 18.00 | 1.865 | 8.25 | 9.75 | 26.107 | 52.4 |
24 | 25.80 | 21.89 | 1.843 | 9.75 | 11.25 | 31.958 | 98.3 |

**Pressure Class 105 psi (Dr 14)**

**Pressure Class 125 psi (Dr 32.5)**

**Pressure Class 165 psi (Dr 25)**

**Note:**

- UL 1285 (Dr 14, 18, 25, up to 24"
- AWWA and/or CSA standards

**Nominal Laying Length:**

<table>
<thead>
<tr>
<th><strong>Length (IN)</strong></th>
<th><strong>Approx. Wgt. (LBS/FT)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>900</td>
<td>9</td>
</tr>
</tbody>
</table>

**Approx. Wgt. (LBS/FT):**

<table>
<thead>
<tr>
<th><strong>Approx. Wgt. (LBS/FT)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Pipe Stiffness:** 129 psi

**Pipe Stiffness:** 57 psi

**Pipe Stiffness:** 28 psi

**Assembly Mark:**

<table>
<thead>
<tr>
<th><strong>Ei</strong></th>
<th><strong>D</strong></th>
<th><strong>O.D.</strong></th>
<th><strong>T</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ei:</strong> Distance between 1st Insertion/Assembly Mark to the end of spigot.</td>
<td><strong>D:</strong> Bell Outside Diameter</td>
<td><strong>O.D.:</strong> Outside Diameter</td>
<td><strong>T:</strong> Wall Thickness</td>
</tr>
</tbody>
</table>

**Product Standard:** ANSI/AWWA C900-16

** CSA B137.3 (Dr 18, 25, 4"-18"; Dr 14, 4"-12")

**Pipe Compound:** ASTM D1784 Cell Class 12454

**Gasket:** ASTM F477

**Integral Bell Joint:** ASTM D3139

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

**UL 1285 (Dr 14, 18, 25, 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.

**Nominal Laying Length:** 20 feet

*(Laying length tolerences with AWWA and/or CSA standards)*

**Installation:** JM Eagle ™ Blue Brute Installation Guide

**Manning Coefficient (n):** 0.009 - Hazen-Williams Coefficient (c) = 150

*Please call regarding availability.*