



Beyond flow.

Foot Valves **Technical Specifications**

**No. 275: Buna-N Rubber Poppet for Gas and Oil Applications**

**DESCRIPTION/FEATURES**

The Buna-N rubber poppet is molded to a stainless steel stem, with all other internal parts also made of stainless steel. They are manufactured from a one piece cast brass body. The unique strainer consists of a helically wound stainless steel spring wire which is durable and cannot corrode. Each valve is tested twice for casting integrity and backflow prevention. All valves are 100% American-Made and built to last.



**APPLICATIONS**

Used for gasoline and oil applications, including gasoline, hydraulic fluids, diesel fuel, alcohol, kerosene, and mineral oil.

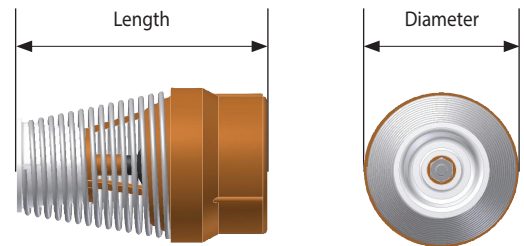
**FLOW RATE (Cv)**

| SIZE | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3"M* |
|------|------|----|--------|--------|----|--------|------|
| GPM  | 8    | 16 | 27     | 32     | 64 | 83     | 83   |

*C<sub>v</sub> is flow (GPM) with a 1 psi differential pressure.*

**MATERIAL SPECIFICATIONS**

| Part Name         | Material            |
|-------------------|---------------------|
| Body              | Cast Bronze C84400  |
| Stem              | 303 Stainless Steel |
| Poppet            | Buna-N Rubber       |
| Strainer Coil     | 302 Stainless Steel |
| Nipple            | Delrin              |
| Locknut           | 316 Stainless Steel |
| Country of Origin | Made in the USA     |



**DIMENSIONS**

| PIPE SIZE | 275 SERIES PART NO. | OVER-ALL LENGTH | VALVE DIAMETER | VALVE WEIGHT |
|-----------|---------------------|-----------------|----------------|--------------|
| 3/4"      | 275-075             | 3.63"           | 1.31"          | 0.40 lb      |
| 1"        | 275-100             | 4.27"           | 1.78"          | 0.75 lb      |
| 1-1/4"    | 275-125             | 4.74"           | 2.28"          | 1.15 lb      |
| 1-1/2"    | 275-150             | 5.64"           | 2.56"          | 1.50 lb      |
| 2"        | 275-200             | 5.41"           | 3.25"          | 2.90 lb      |
| 2-1/2"    | 275-250             | 6.36"           | 3.88"          | 4.75 lb      |
| 3"M*      | 275-300             | 6.36"           | 3.88"          | 4.65 lb      |

\*Male thread.  
NPT threaded.

**OPERATING SPECIFICATIONS**

|                     |         |
|---------------------|---------|
| Maximum Temperature | 225°F   |
| Working Pressure    | 400 psi |

Strataflo ISO 90001: 2008 Certified

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