



FURON[®] 2" CHECK VALVE

MEDIA ACTUATED
2" ORIFICE

Furon 2" Check Valves offer a reliable solution to preventing reverse flow in high purity fluid handling applications. Constructed from high-purity fluoropolymers and featuring a 100% PTFE spring, Furon 2" Check Valves are designed to crack at pressures less than 2 PSIG (0.14 bar) and are rated for media pressures up to 80 PSIG (5.5 bar).

The patented O-ring free sealing and fluoropolymer spring design reduces the potential for leakage and media contamination and increases product life. The Furon 2" Check Valve is engineered to operate in any orientation and is suitable for use in ultra-pure or highly corrosive media.

APPLICATIONS

- Prevent drain down of chemical delivery lines
- Prevent back flow in process delivery
- Transfer of aggressive or ultrapure chemicals commonly used in the Semiconductor and Chemical Processing industries
- Suitable for use in abrasive slurry

FEATURES AND BENEFITS

- 100% metal-free O-Ring free design
- Metal and O-Ring free design
- <2 PSIG (0.14 bar) cracking pressure
- Zero dead volume body seal with no wetted thread areas
- High-purity PTFE spring

Furon® 2-Inch Check Valve

SPECIFICATIONS

| Description | End Connection Type | Orifice | | End Connection Size | | A | | B | |
|--------------|---------------------|---------|------|---------------------|------|-----|--------|------|-------|
| | | in | mm | in | mm | in | mm | in | mm |
| LCV7-3224-NM | FuseBond™ | 2 | 50.8 | 1.5 | 38.1 | 6.8 | 172.72 | 1.90 | 48.26 |
| LCV7-3232-NM | FuseBond™ | | | 2 | 50.8 | 7 | 177.80 | 2.38 | 60.33 |

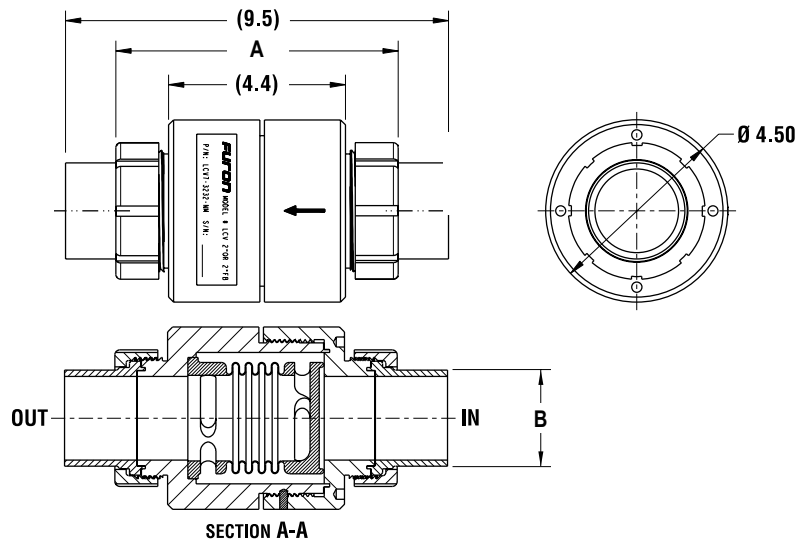
TECHNICAL SPECIFICATIONS

| | |
|----------------------------|--|
| Max. Operating Pressure | 80 psig (5.5 bar) at Room Temperature |
| Cracking Pressure | <2 psig (0.14 bar) |
| Min. Sealing Back Pressure | <10 psig (0.7 bar) |
| C _v Flow Factor | 40 |
| Max. Operating Temperature | Ambient: 149°F (65°C) Media: 203°F (95°C) |
| Body | PTFE |
| Spring | PTFE |
| Mounting Position | Any Orientation |

OPTIONS

- Other end connections not listed, including
 - Nippon Pillar Super 300®

[Please contact us](#) for further details



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