



## FURON<sup>®</sup> 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 1 PSIG (0.07 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
- <1 PSIG (0.07 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

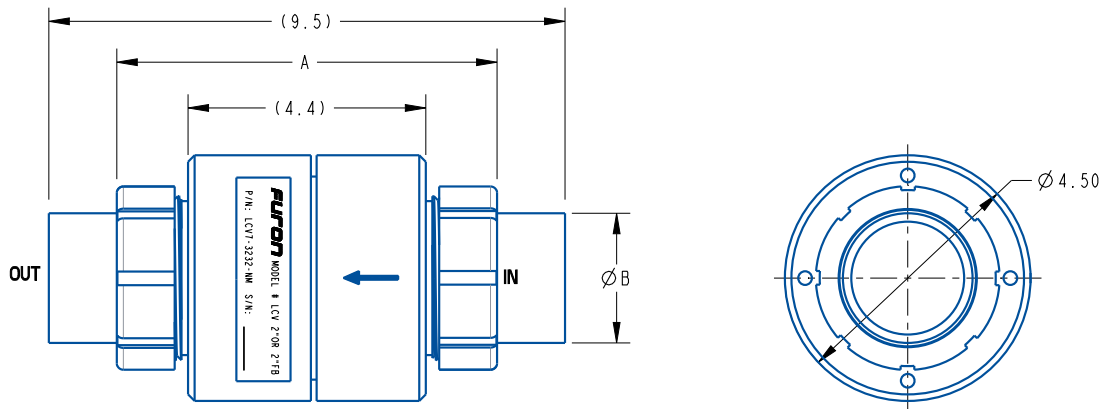
## TECHNICAL SPECIFICATIONS

Max. Operating Pressure	80 psig (5.5 bar) at Room Temperature
Cracking Pressure	<1 psig (0.07 bar)
Min. Sealing Back Pressure	<5 psig (0.34 bar)
C <sub>v</sub> 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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**NOTE:** This document is intended to provide information about the product to enable you to consider whether generally the Product meets your application need and is not intended to provide product specification. This document should not be considered a Product warranty or guaranty. To the extent this document mentions any tests done by Saint-Gobain, such tests are done under controlled laboratory circumstances and hence other factors in your use and application may impact such values. Saint-Gobain strongly recommends that you conduct practical tests simulating the conditions of your application to ensure that the product meets your requirements for your specific application

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