

FLAME ARRESTORS

PRODUCT DETAIL

CERTIFIED IN-LINE
FLAME ARRESTORS

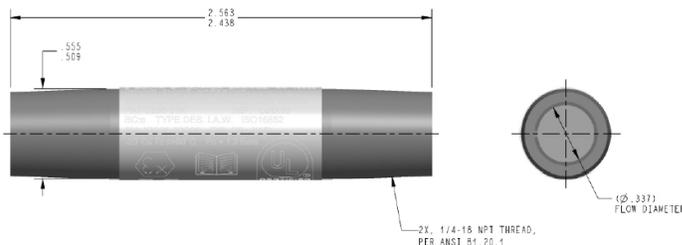
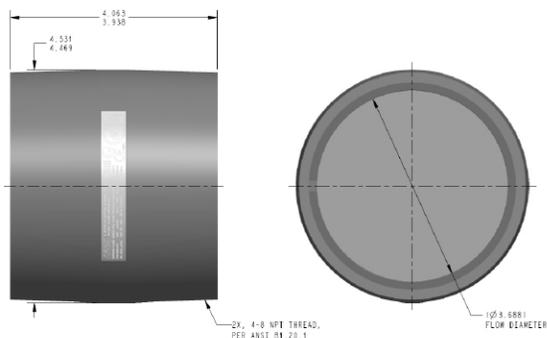
Description

Lisk's series of certified hazardous location in-line deflagration flame arrestors are designed for use in Class 1: Div 1 (Zone 0, 1), Div 2 (Zone 2) oil and gas installations up to 4". The certified in-line deflagration flame arrestor series includes the following features:

- Crimped ribbon element to minimize pressure drop
- Uniquely processed to generate structural durability while minimizing hardware in the flow path
- NPT housing connection to ensure ease of installation



| Unit | Specification |
|--------------------------|--|
| Housing Material Options | Stainless Steel, Carbon Steel, Aluminum |
| Element Material Options | 316 Stainless Steel, 302 Stainless Steel |
| Gas Group | IIA (D) |
| Size Options | 1/4", 1/2", 3/4", 1", 1 1/2", 2", 2 1/2", 3", 4" |
| Connection Style | NPT |
| Max Flow Rate | Dependent on Size |
| Operating Pressure | 1.3 Bar for sizes 1/4" - 1 1/2" 1.1 Bar for sizes 2" - 4" |
| Operating Temperature | - 20 C to 60 C |
| Allowable Pressure Drop | Dependent on Flow Rate |



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| Size | Stainless Steel Housing | | Carbon Steel Housing | | Aluminum Housing | |
|--------|-------------------------|----------------|----------------------|----------------|------------------|----------------|
| | 316 SS Element | 302 SS Element | 316 SS Element | 302 SS Element | 316 SS Element | 302 SS Element |
| 1/4" | FA1-0250-32K | FA1-0250-31K | FA1-0250-52K | FA1-0250-51K | FA1-250-12K | FA1-250-11K |
| 1/2" | FA1-0500-32K | FA1-0500-31K | FA1-0500-52K | FA1-0500-51K | FA1-0500-12K | FA1-0500-11K |
| 3/4" | FA1-0750-32K | FA1-0750-31K | FA1-0750-52K | FA1-0750-51K | FA1-0750-12K | FA1-0750-11K |
| 1" | FA1-1000-32K | FA1-1000-31K | FA1-1000-52K | FA1-1000-51K | FA1-1000-12K | FA1-1000-11K |
| 1 1/2" | FA1-1500-32K | FA1-1500-31K | FA1-1500-52K | FA1-1500-51K | FA1-1500-12K | FA1-1500-11K |
| 2" | FA1-2000-32K | FA1-2000-31K | FA1-2000-52K | FA1-2000-51K | FA1-2000-12K | FA1-2000-11K |
| 2 1/2" | FA1-2500-32K | FA1-2500-31K | FA1-2500-52K | FA1-2500-51K | FA1-2500-12K | FA1-2500-11K |
| 3" | FA1-3000-32K | FA1-3000-31K | FA1-3000-52K | FA1-3000-51K | FA1-3000-12K | FA1-3000-11K |
| 4" | FA1-4000-32K | FA1-4000-31K | FA1-4000-52K | FA1-4000-51K | FA1-4000-12K | FA1-4000-11K |

For decades, Lisk has engineered flame arrestors for a wide variety of applications from oil and gas to aerospace. Lisk’s flame arrestors have been used in flare stack systems, relief/venting valves and general gas system protection. Our ATEX, IECEx, and UL/ULC certified series of hazardous location in-line deflagration flame arrestors is designed to exceed your safety and operational performance requirements where flammable gas and vapors are present improving process safety.



ABOUT US

We are a global leader in the design and manufacture of engineered solutions including solenoids, solenoid valves, linear and rotary position sensors, motors, electric actuators and flame arrestors. We serve hundreds of customers in diverse markets throughout the world with market-leading solutions enabled by our extensive design, test and manufacturing capabilities.



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