

# Flashback Arrestor S-55 Oxygen

Item No.: 361361213

## Product information

Dominant choice for Flame Arrestors (Flashback Arrestors) and OCIMF Compliance Protect regulators and gas cylinder against flashback.

The installation of flashback arrestors for acetylene and oxygen, is required by Maritime authorities, as incorrect maintenance or use of gas welding equipment may cause flashbacks of various types. Normally a well-designed torch will prevent this from happening and flashbacks are only noticed as a popping sound in the torch. However, faulty handling, maintenance or gas pressure setting may lead to a penetrating flashback. This means that the gas flame passes back through the hose(s). In some cases it may also pass the regulator and ultimately reach the cylinder.

Our flashback arrestors are designed to be used both with gas cylinders and gas outlet stations and incorporate several safety functions:

- Pressure activated cut-off to prevent further gas supply after a flashback (activated by the pressure shock in front of the flashback).
- Non-return valve preventing reverse flow of gases, thereby preventing a gas mixture from reaching pipelines or cylinders.
- Flame filter to quench the flame front of a flashback or a burnback.
- Temperature activated cut-off to prevent further gas supply in case of fire (activated if the temperature rises to approximately 100° C).
- Indicator ring showing that the pressure activated cut-off has been activated; the ring is also used for resetting the flashback arrestor.
- The flashback arrestors are built Conform to: EN 730/ISO 5175 and with BAM

Certification no.: ZBF/009/12.

## ABOUT SAFETY

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## Features

- Pressure activated cut-off valve
- Temperature activated cut-off valve
- Flame arrestor
- Non-return valve

## Benefits

- Stops the pressure front
- Prevents fire from being supported by gas
- Stops the flame front
- Stops gas from back feeding into the system

## Specification

|                 |  |    |
|-----------------|--|----|
| <b>General:</b> | Invent Hazard Material (IMO/EU) classification | NA |
|-----------------|--|----|

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|-------------------------------|---------------|------|
| <b>Dimensions/<br/>Weight</b> | Diameter [mm] | 27.5 |
|                               | Length [mm]   | 119  |

|                         |          |                      |
|-------------------------|----------|----------------------|
| <b>Performance data</b> | Capacity | 50 m <sup>3</sup> /h |
|-------------------------|----------|----------------------|

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| <b>Technical data</b> | Operating pressure [bar] | 10 max |
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