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FLASHBACK ARRESTOR S55 OX

Product group: **171** Product number: **708545**

No. 1 Choice for Flame Arrestors (Flashback Arrestors) certified and under surveillance by The Federal Institute for Materials Research and Testing (German: Bundesanstalt für Materialforschung und -prüfung, or BAM) and OCIMF/RIGHTSHIP compliant.



Protect regulators and gas cylinder against flashback.

Product information

This product supersedes product no: **619262**

Maritime authorities, such as the Norwegian Maritime Directorate, require the installation of flashback arrestors for acetylene and oxygen, as incorrect maintenance or use of gas welding equipment may cause flashbacks of various types.

Normally these will stop in a well-designed torch and 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.

The S-55 model flashback arrestors are designed for use both with gas cylinders and gas outlet stations. The flashback arrestors are built, conforming to: EN 730/ISO 5175 and with BAM Certification no.: ZBF/009/12.

Safety

For safety reasons we strongly recommend to perform annual checking and testing of the flashback arrestor, and to change the flashback arrestor every 5 years. For vessels under OCIMF SIRE and RIGHTSHIP RISQ, replacement of the flashback arrestor is mandatory after 5 years from date of manufacture. Manufacturing date code can be found on the flashback arrestor.

Features

- Pressure sensitive cut-off valve to prevent further gas supply after a flashback (activated by the pressure shock in front of the flashback).
- Temperature activated cut-off valve to prevent further gas supply in case of fire (activated if the temperature rises to approximately 100° C).
- Flame filter/arrestor to quench the flame front of a flashback or a burn back.
- Non-return valve for preventing reverse flow of gases, thereby preventing a gas mixture from reaching pipelines or cylinders.
- Resettable.
- Each flashback arrestor 100% tested.
- Marking of manufacturing date and serial number for traceability.

Benefits

- Stops the pressure front and flame front.
- Stops gas from back feeding into the system.
- Prevents fire from being supported by gas.
- Indicator ring will show if the pressure sensitive cut-off has been activated; the ring is also used for resetting the flashback arrestor.

Specification

General

Invent Hazard Material (IMO/EU) classification	NA
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Dimensions/Weight

Diameter [mm]	27.5
Length [mm]	119

Technical data

Operating pressure [bar]	10 maximum
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Performance data

Capacity	50 m ³ /h
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Documents

[IBEXU EN](#)

[FBA Manual2024](#)

[SDoC and MD for IHM](#)

[DoC_FBA2021](#)

Related products

Is accessory to

526472

TWIN HOSE 2X6.3MM (1/4INCH) AC/OX W/FITTING,10 MTR COIL

526478

TWIN HOSE 2X9.0MM (3/8INCH) AC/OX W/FITTING,10 MTR COIL

734022

QUICK COUPL. OX HOSE TO HOSE 3/8INCH

734019

QUICK COUPL. OX REGULATOR TO HOSE 3/8INCH

526482

TWIN HOSE 2X9.0MM (3/8INCH) AC/OX W/FITTING,25 MTR COIL

734028

QUICK COUPLING OX MALE G3/8RH

Is spare to

778199

OUTLET STATION 700 COMPL. R530 S55 AND CABINET

Is part of bundle

526509

STANDARD GAS ACCESSORIES

Is frequently bought together with

905026

ACETYLENE A-40 FILLING

905034

OXYGEN O-40 FILLING

708537

FLASHBACK ARRESTOR S55 AC

510001

REGULATOR 510 AC PRESSURE 0-1.5 BAR

510000

REGULATOR 510 OX PRESSURE 0-10 BAR

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