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FLASHBACK ARRESTOR S55 AC

Product group: 171 Product number: 708537

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: 619254

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 activated cut-off has been activated; the ring is also used for resetting the flashback arrestor.

Specification

General		Dimensions/Weight	
Invent Hazard Material (IMO/IU) classification	NA	Diameter [mm]	27.5
		Length [mm]	119
Technical data		Performance data	
Operating pressure [bar]	1.5 maximum	Capacity	8,5 m³/h

Documents

[SDoC and MD for IHM](#)

[DoC_FBA2021](#)

[IBEXU EN](#)

[FBA_Manual2024](#)

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
- 734013
QUICK COUPL. AC HOSE TO HOSE 3/8INCH
- 526482
TWIN HOSE 2X9.0MM (3/8INCH) AC/OX W/FITTING,25 MTR COIL
- 734016
QUICK COUPL. AC REGULATOR TO HOSE 3/8INCH
- 734025
QUICK COUPLING AC MALE G3/8LH

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

- 905034
OXYGEN O-40 FILLING
- 510001
REGULATOR 510 AC PRESSURE 0-1.5 BAR
- 905026
ACETYLENE A-40 FILLING
- 708545
FLASHBACK ARRESTOR S55 OX
- 510000
REGULATOR 510 OX PRESSURE 0-10 BAR