

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 in line with COSWP UK (BCGA CP7), OCIMF SIRE and RIGHTSHIP RISQ requirements, we strongly recommend annual testing of the flashback arrestors, and to replace flashback arrestors every 5 years.

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]		Capacity	8,5 m³/h

Documents

[BAM Cert May 2024](#)

[DoC_FBA2021](#)

[SDoC and MD for IHM](#)

[S55 Manual New](#)

Related products

Is accessory to

734025
QUICK COUPLING AC MALE G3/8LH

734013
QUICK COUPL. AC HOSE TO HOSE 3/8INCH

526478
2X9MM 3/8 INCH AC/OX TWINHOSE W/FITTING 10MTR

526482
2X9MM 3/8 INCH AC/OX TWINHOSE W/FITTING 25MTR

526472
2X6.3MM 1/4 INCH AC/OX TWINHOSE W/FITTING 10MTR

734016
QUICK COUPL. AC REGULATOR TO HOSE 3/8INCH

Is spare to

778199
OUTLET STATION 700 COMPL. R530 S55 AND CABINET
5502771
OUTLET STATION-700 COMPL. W/SG-5 AND CABINET

Is part of bundle

526509
STANDARD GAS ACCESSORIES

Is frequently bought together with

510001
REGULATOR 510 AC PRESSURE 0-1.5 BAR

510000
REGULATOR 510 OX PRESSURE 0-10 BAR

708545
FLASHBACK ARRESTOR S55 OX

905034
OXYGEN O-40 FILLING

905026
ACETYLENE A-40 FILLING

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