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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 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

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]	1.5 maximum
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Performance data

Capacity	8,5 m ³ /h
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Variants

Product name	Product number	Diameter [mm]	Length [mm]	Capacity	Operating pressure [bar]
FLASHBACK ARRESTOR FR-20 FOR AC+OX	619270				
FLASHBACK ARRESTOR S55 AC	708537 (supersedes 619254)	27.5	119	8,5 m ³ /h	1.5
FLASHBACK ARRESTOR S55 OX	708545 (supersedes 619262)	27.5	119	50 m ³ /h	10
FLASHBACK ARRESTOR W-66S ACETYLENE	183970			19 m ³ /h	1.5
FLASHBACK ARRESTOR W-66S OXYGEN	302976			105 m ³ /h	10

Documents

[BAM Cert_May 2024](#)

[DoC_FBA 2021](#)

[SDoC and MD for IHM](#)

[S55 Manual New](#)

Related products

Is accessory to

526472	2X6.3MM ¼ INCH AC/OX TWINHOSE W/FITTING 10MTR
526478	2X9MM 3/8 INCH AC/OX TWINHOSE W/FITTING 10MTR
734013	QUICK COUPL. AC HOSE TO HOSE 3/8INCH
526482	2X9MM 3/8 INCH AC/OX TWINHOSE W/FITTING 25MTR

734016	QUICK COUPL. AC REGULATOR TO HOSE 3/8INCH
734025	QUICK COUPLING AC MALE G3/8LH
320205	QUICK COUPLING AC HOSE TO HOSE 6MM

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
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Is frequently bought together with

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

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