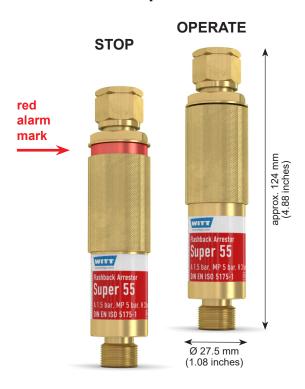




Super 55



From the product range "Super", one of the best flashback arrestors in the world. For reliable protection against dangerous gas backflow and flashback according to DIN EN ISO 5175-1.

Every Arrestor 100% tested.

Benefits

- extinguish dangerous flashbacks with sintered stainless steel elements FA
- immediately cut off the gas supply, and therefore prevent dangerous further work after any flashback or gas backflow via pressure sensitive cut-off valve PV
- extinguish sustained backfire via temperature sensitive cut-off valve TV
- avoid the formation of explosive mixtures in the gas supply – via non-return valves NV
- indicate flashbacks and gas backflow optically
 via red alarm mark
- allow simple resumption of work after the cause of hazard has been removed – via resetting the sleeve
- offer long service life due to protection against dirt
 via filter at gas inlet

Operation / Usage

 the Flashback Arrestors are used against gas backflow and flashback at pipeline outlets and single cylinder equipment the Flashback Arrestors can be installed independent of the orientation but according to gas flow

tested and under surveillance

Test certificate no. 2405

- each blowpipe should have its own Flashback Arrestor
- the maximum ambient / working temperature is 60 °C / 140 °F

Maintenance

- annual testing of the non-return valve, body leak tightness and flow capacity is recommended
- WITT is happy to supply special test equipment
- Flashback Arrestors are only to be serviced by the manufacturer.

The dirt filter may be replaced by competent staff

Approvals

Company certified according to ISO 9001
Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems

Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

FLASHBACK ARRESTORS

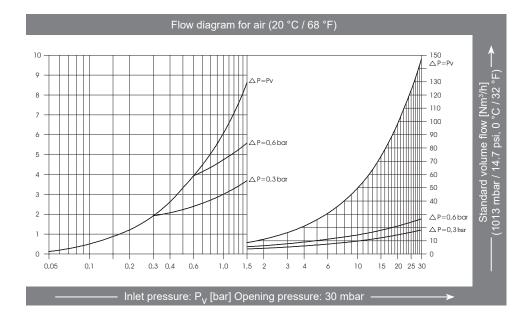


Model	Gas type Max. working pressur [bar]	е	Connection EN 560 [inch]	Order-No.	Certification	Housing- Material	Seal- Material
Super 55	Acetylene (A)	1.5	G 3/8 LH	146-025	IBExU 2405	Brass	Elastomer
	Hydrogen (H)	3.0					
	LPG (P)**						
	Town gas (C)* Natural gas/ Methane (M)**	5.0					
	Oxygen (O)	45.0	G 1/4 RH	146-027			
	Compressed air (D)	15.0	G 3/8 RH	146-026			

^{*} no Certification IBExU Other connections available upon request

Super 55

Conversion factors: Acetylene x 1.04 Butane x 0.68 Ethylene x 1.02 Natural Gas x 1.25 Methane x 1.33 Propane x 0.80 Oxygen x 0.95 Town gas x 1.54 Hydrogen x 3.75



^{*} LPG "based on test with Propan" Natural gas "based on test with Methane"