WITT Flashback Arrestors for reliable protection against dangerous reverse gas flow and flashbacks according to DIN EN ISO 5175-1. Every Arrestor 100% tested.

The best Flashback Arrestors in the world

Benefits
- a large surface area flame arrestor [FA] of stainless steel construction extinguishes any dangerous flashback
- a temperature sensitive cut-off valve [TV] extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level
- a spring loaded non-return valve [NV] prevents slow or sudden reverse gas flow from forming explosive mixtures in the gas supply

Operation / Usage
- Flashback Arrestors are used to protect gas cylinders and pipeline outlet points (hoses and any equipment) against dangerous reverse gas flow and flashbacks
- for pipeline outlets and single cylinders with high users for example supply units for gas cutting machines
- WITT Flashback Arrestors may be mounted in any position/orientation

Maintenance
- only one piece of equipment may be connected to a single Flashback Arrestor
- the maximum ambient / working temperature is 70 °C / 158 °F

Approvals
Company certified according to ISO 9001 and PED 2014/68/EU module H
CE-marked according to:
- PED 2014/68/EU
- EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

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F* = two-sided female thread
Other gases and connections available upon request
Conversion factors:
Acetylene  x 1.04
Butane    x 0.68
Natural Gas x 1.25
Ethylene  x 1.02
Methane   x 1.33
Propane   x 0.80
Oxygen    x 0.95
Town gas  x 1.54
Hydrogen  x 3.75

Flow diagram for air (20 °C / 68 °F)

Inlet pressure: $P_v$ [bar] Opening pressure: 4 mbar

Standard volume flow [Nm³/h] (1013 mbar / 14.7 psia, 0 °C / 32 °F)