

# FLASHBACK ARRESTORS E460



**E460-1**



**E460-2**



**E460-3**



**E460SK**



**E460SKU**



**WITT Flashback Arrestors E460 for reliable protection against dangerous gas backflow and flashback 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 spring loaded non-return valve [NV] prevents slow or sudden reverse gas flow forming explosive mixtures in the gas supply
- a filter at the gas inlet protects the arrestor against dirt contamination, extending the service life (valid for fuel gas version hose 9 and G 3/8 LH)

**Operation / Usage**

- the Flashback Arrestors of type series E460 may be installed at the inlet of the blowpipe
- model E460-1, E460-3, E460SK and E460SKU may be installed at torches for burners. The E460SK and SKU conforming to EN 561 / ISO 7289 makes possible the use of the WITT-Couplingsystem SK100 for the fast connection and disconnection of the

blowpipe.

The E460-2 is for the installation in the hose – not nearer than 1 m in front of the blowpipe

**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

**Coupling body SK100-9 (without non-return valve) for the coupling to E460SK and coupling probes SK100-1 for connection with E460SKU according to EN 561 / ISO 7289**



Model	max. working pressure [bar]	Material	Weight [g]	Outlet coupling body / -probe to EN 561 / ISO 7289	Inlet hose [mm] / female thread EN 560	Order-No.
<b>BODY SK100-9</b>	Acetylene (A) 1.5	Brass Elastomer	94	✓	4	150-037
	other fuel gases 20.0				6.3	150-021
					8	150-039
					9	150-023
	Oxygen (O) 20.0				4	150-038
Compressed air (D) 20.0	6.3	150-024				
	8	150-040				
<b>PROBE SK100-1</b>	Acetylene (A) 1.5	Brass Elastomer	39	✓	G 3/8 LH	151-001
	other fuel gases 20.0				G 1/4 RH	151-003
					Compressed air (D) 20.0	G 3/8 RH

other connections available upon request

# FLASHBACK ARRESTORS E460



WITT Flashback Arrestors E460 for reliable protection against dangerous gas backflow and flashback according to DIN EN ISO 5175-1.



Model	max. working pressure [bar]	Material	Weight [g]	Inlet		Outlet		Order-No.		
				hose [mm] / thread according to EN 560	coupling probe or -body to EN 561 / ISO 7289	hose [mm] / thread according to EN 560				
E460-1	Acetylene (A) 1.5	Brass	99	4		G 3/8 LH		135-002		
	Town gas (C)*, Natural gas (M)**			6.3				135-005		
	LPG (P)** 5.0			8				135-009		
	Hydrogen (H) 4.0			9				135-013		
	Oxygen (O)			Elastomer	93	4		G 1/4 RH		135-014
	Compressed air (D) 20.0					6.3				135-017
						8		G 3/8 RH		135-022
						9				135-029
E460-2	Acetylene (A) 1.5	Brass	93	4		4		135-029		
	Town gas (C)*, Natural gas (M)**			6.3		6.3		135-031		
	LPG (P)** 5.0			8		8		135-032		
	Hydrogen (H) 4.0			9		9		135-034		
	Oxygen (O)			Elastomer	107	4		4		135-037
	Compressed air (D) 20.0					6.3		6.3		135-038
						8		8		135-039
						9		9		135-040
E460-3	Acetylene (A) 1.5	Brass	107	G 3/8 LH		G 3/8 LH		135-042		
	Town gas (C)*, Natural gas (M)**			G 1/4 RH		G 1/4 RH		135-046		
	LPG (P)** 5.0			G 3/8 RH		G 3/8 RH		135-094		
E460SK*	Acetylene (A) 1.5	Brass	112		✓	G 3/8 LH		135SK-114		
	Town gas (C), Natural gas (M), LPG (P) 5.0				✓	G 1/4 RH		135SK-115		
	Hydrogen (H) 4.0				✓	G 3/8 RH		135SK-124		
E460SKU*	Acetylene (A) 1.5	Brass	145	G 3/8 LH		✓		135SK-128		
	Town gas (C), Natural gas (M), LPG (P) 5.0			G 1/4 RH		✓		135SK-127		
	Hydrogen (H) 4.0									
	Compressed air (D) 20.0	Elastomer								

\* no Certification BAM

\*\* LPG „based on test with Propan“  
Natural gas „based on test with Methane“

- E460-1
- E460-2
- E460-3
- E460SK
- E460SKU

Conversion factors:

Acetylene	x 1.04
Butane	x 0.68
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

