

20 years

# AFS<sup>®</sup>

*" Motivation For Ventilation "*



EN 13180

UL181

74  
micron

FLEXIBLE AIR DUCTS & ACCESSORIES



**SILICONE**

Fiberglass

Silicone ( Both Sides )

Grey

-50 °C / +260 °C

Fabric: non-combustible  
Coating: flame proof

Suitable for high  
temperature applications  
(400 °C / 2 h )

High resistance to  
weathering and chemicals

25 m



## ALU AFS

## ISO AFS POLY



### FLEXIBLE AIR DUCTS TECHNICAL PROPERTIES

	ALUAFS.70	ALUAFS.F	ISOAFS-POLY
Inner Duct Construction	3 ply aluminium 2 ply polyester	3 ply aluminium 1 ply polyester	2 ply polyester
Nominal Thickness of Inner Duct	74 micron	74 micron	30 micron
Jacket Construction			2 ply metallized polyester (reinforced by polyester fiber)
Nominal Thickness of Jacket			30 micron
Insulation			25 mm glass wool * 16 kg / m <sup>3</sup> **
Available Diameters	Ø 52 mm - Ø 800 mm	Ø 52 mm - Ø 800 mm	Ø 82 mm - Ø 800 mm
Temperature Range	-30 °C / +150 °C	-30 °C / +250 °C	-30 °C / +120 °C
Air Velocity	30 m/s (max)	30 m/s (max)	30 m/s (max)
Operating Pressure	3000 Pa (max)	3000 Pa (max)	3000 Pa (max)
Standard Length	10 m	10 m	7,6 m
Packing	Single cardboard box	Single cardboard box	Single cardboard box
Fire Resistance	Fire retardant	Non-flammable	
Fire Certificates	M1 (France) Class 1 (Italy) Class 0 (UK) [BS 476, Part 6 & 7] Class B [EN 13501-1]	M0 (France) Class 0 (UK) [BS 476, Part 6 & 7] 6q3 (Switzerland)	EN 13501-1(Class E) Flame Spread Index < 25 Smoke Developed Index < 50 (USA) [UL181]
Certificates	Puncture test per UL 181 10000 Pa @ Ø102 mm (positive pressure test as per UL181)	GOST-R (Russia)	GOST-R (Russia)
Available Options upon Request	Net packing Bulk packing Plastic bag packing Customized lengths		Customized lengths * 40 mm & 50 mm insulation ** 24 kg / m <sup>3</sup>

# AFS PIN

SELF ADHESIVE STUCK UP PIN	BASE	PIN	FASTENING CLIPS
Construction	Reinforced Galvanized Steel	Plated Steel or Aluminium	Galvanized Steel
Dimensions	50 x 50 mm (2" x 2") 30 x 30 mm (1.18" x 1.18")	Ø 3 mm ± 0.3 mm Ø 2.2 mm ± 0.2 mm	Outside Ø 30 mm (1.18")
Length		30 mm to 200 mm (1.18" to 7.87")	
Temperature Range	-10 °C to +80 °C (+14 °F to +176 °F) Application Temperature has to be > + 10 °C (50 °F)		

