

# ISO AFS-ALU Shine

THERMALLY INSULATED ALUMINIUM  
FLEXIBLE AIR DUCTS  
NON-CONDENSATION



AFS®

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# ISOAFS-ALU Shine

## THERMALLY INSULATED ALUMINIUM FLEXIBLE AIR DUCTS

### NON-CONDENSATION

ISOAFS-ALU SHINE thermally insulated aluminium flexible air ducts are specifically produced for low and medium pressure heating, cooling, ventilation, exhaust, and air conditioning systems. Airtight ISOAFS-ALU SHINE is produced from multi-layer aluminium and metallized polyester, strengthened with high tension hard steel spring wire, surrounded with glass wool insulation and an aluminium vapour barrier.

Thermally & acoustically insulated aluminium flexible air duct, **SONOAFS-ALU SHINE** (acoustic flexible duct) is available upon request



### ALUMINIUM LAMINATED BODY & JACKET

- Impermeable to UV rays
- Highly resistant to UV rays
- 98 % reflective
- Resistant to chemicals

### FLEXIBLE & SEAMLESS CONSTRUCTION

### SMOOTH INNER SURFACE

- Minimal pressure loss

### HIGH TENSION STEEL WIRE

### GLASS WOOL INSULATION

- Heat resistant (EN 13501-1, Class A1, UL 723, FSI = 0, SDI = 0)
- Minimal energy loss
- Perfect insulation property







- Packing in a single cardboard box
- Easy to fit circular, oval or rectangular connectors

Available on request

- 38, 40 mm & 50 mm glass wool insulation
- 16 kg/m<sup>3</sup>, 24 kg/m<sup>3</sup> glass wool insulation

## TECHNICAL PROPERTIES

Inner Duct Construction	1 ply aluminium 2 ply polyester
Jacket Construction	1 ply aluminium 2 ply polyester
Available Diameters	Ø 82 mm - Ø 610 mm
Temperature Range	-30 °C / +150 °C
Air Velocity	30 m/s (max)
Operating Pressure	3000 Pa (max)
Insulation	Glass wool
Insulation Thickness	25 mm
Insulation Density	14 kg/m <sup>3</sup>
Standard Length	10 m
Certificate	
United Kingdom	 BS 476 Part 6&7
France	 M1
USA	Flame Spread Index [UL 723 as per UL 181]  < 25 Smoke Developed Index [UL 723 as per UL 181]  < 50

# AFS



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