

ISO AFS-ALU Shine

THERMALLY INSULATED ALUMINIUM
FLEXIBLE AIR DUCTS
NON-CONDENSATION



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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** is available upon request

ALUMINIUM LAMINATED BODY & JACKET

- Fire retardant: United Kingdom BS 476 Part 6&7
- 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

TECHNICAL PROPERTIES

Inner Duct Construction	1 ply aluminium 2 ply metallized polyester
Jacket Construction	1 ply aluminium 2 ply polyester
Available Diameters	Ø 82 mm - Ø 800 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, 40 mm, 50 mm
Insulation Density	12 kg/m ³ , 16 kg/m ³ , 24 kg/m ³
Standard Length	10 m
Certificate	
Russia	 GOST-R

AFS



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