



## Product Model

### Thermally & Acoustically Insulated Aluminium Flexible Air Ducts

#### NON-CONDENSATION

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

#### Aluminium Laminated Body & Jacket

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

#### Smooth Inner Surface

- Minimal pressure loss

#### Glass Wool Insulation

- Heat resistant (EN 13501-1, Class A1)
- Minimal energy loss
- Perfect insulation property

#### Features

- Flexible & Seamless Construction
- High Tension Steel Wire
- Packing in a single cardboard box
- Easy to fit circular, oval or rectangular connectors

**Remark:** This technical data sheet replaces all previous versions. The technical data contained herein is given in good faith and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings. The information detailed in this technical data sheet is given by way of indication and is not exhaustive, users should contact either the seller or the manufacturer of the product for additional technical information concerning its use, if they think the information in their possession needs to be clarified in any way.

Technical data  
supplied by the  
manufacturer



#### Product Specification

<b>Inner Duct Construction</b>	1 ply perforated aluminium 2 ply polyester
<b>Jacket Construction</b>	1 ply aluminium 2 ply polyester
<b>Available Diameters</b>	Ø 82 mm – Ø 610 mm
<b>Temperature Range</b>	-30 °C / +150 °C
<b>Air Velocity</b>	30 m/s (max)
<b>Operating Pressure</b>	3000 Pa (max)
<b>Insulation</b>	Glass wool
<b>Insulation Thickness</b>	25 mm
<b>Insulation Density</b>	14 kg/m <sup>3</sup>
<b>Standard Length</b>	10 m
<b>Certificate</b>	
<b>United Kingdom</b>	BS 476 Part 6&7 Class 0
<b>France</b>	M1

#### 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