

<b>Product Code</b>	22420, 22421, 22422, 22425, 22427, 22429, 22431.
<b>Description</b>	Insulated Flexible Ducting
<b>Size Range</b>	102, 127, 152, 203, 254, 305, 355mm
<b>Other</b>	
<b>Related Products</b>	Un-Insulated Flexible Ducting

## PRODUCT INFORMATION

### ISO-ALU SHINE

#### Thermally Insulated Aluminium

#### FLEXIBLE AIR DUCTS

##### Non-condensation

ISO-ALUSHINE thermally insulated aluminium flexible air ducts are specifically produced for low and medium pressure heating, cooling, ventilation, exhaust and air conditioning systems.

Airtight ISO-ALU SHINE is produced from multi-layer aluminium and polyester, strengthened with high tension hard steel spring wire, surrounded with glass wool insulation and aluminium vapour barrier .

##### 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

<b>Approved by:</b>	Approval pending	<b>Issued Date:</b>	Not Approved Yet
<b>Version:</b>	V.3 - 22/05/2012	<b>Review Date:</b>	

### GLASS WOOL INSULATION

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

### TECHNICAL PROPERTIES

**Inner Duct Construction** – 1 ply aluminium, 2 ply polyester

**Jacket Construction** - 1 ply aluminium, 2 ply polyester

**Available Diameters** – 82mm – 610mm

**Temperature Range** - -3 °C/ +150°C

**Air Velocity** – 30 m/s (max)

**Operating Pressure** - 3000 pa (max)

**Insulation** – Glass Wool

**Insulation Thickness** – 25mm

**Insulation Density** – 14kg/m<sup>3</sup>

**Standard Length** – 10m

**Certificate;**

**United Kingdom** – BS 476 PART 6&7 CLASS 0

**France** – M1

**USA** – flame spread index (UL723 AS PER UL 181) <25

Smoke developed index ( UL 723 AS PER UL 181) <50

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

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