

Insulated Aluminum Flexible Duct Specifications

This Class 1" Air Duct is constructed with a durable inner duct, 25mm thick fiberglass insulation, and is covered with a multilayer Aluminum & Metallized Polyester Film Jacket.

Product Range:

Diameters (inches)	4, 6, 8, 10, 12, 14, 16, 18, 20
Standard Length (Feet)	25

Performance Data:

Temperature Range	-26°C to 120°C
Maximum Velocity	5000 FPM

Recommended Operating Pressure:

4" to 12" Diameter

Static Pressure-positive	6" W.G.
Static Pressure-negative	0.8" W.G.

14" to 20" Diameter

Static Pressure-positive	4" W.G.
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Static Pressure-negative	0.8" W.G.
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Advantages

- Supplied in standard 25 feet length.
- Individually boxed for easy handling.
- Low transport and logistics costs.
- Easy to install. No special tools required for cutting or fixing.
- Emits **no toxic gases in case of fire.**
- Fire resistance tested and certified.

Application

The Insulated Aluminum Flexible Duct has been specially designed for the **HVAC market.**

- Helps minimize **heat gain or loss** due to temperature differences.
- Vapor barrier prevents **condensation** when carrying air at lower temperatures than the surrounding air.
- Suitable for air distribution in ventilation, heating, and air conditioning systems.

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