

White PE Polyester Insulated Flexible Air Duct

This flexible air duct requires no special tools for cutting or fixing and is fully retardant and compressible. It is robust, durable, and lightweight.



ADDITIONAL IMAGES



Product Overview

High-Performance Insulated Flexible Ducting

This White PE Polyester Insulated Flexible Air Duct is engineered for optimal thermal and acoustic performance in HVAC systems. Featuring a durable PE outer jacket and high-density insulation, it effectively minimizes heat loss and reduces noise transmission. Its flexible design allows for seamless installation in both residential and commercial air conditioning ventilation networks.

Technical Specifications

Insulation Properties

25 mm

Thickness

16 kg/m³

Density

Operating Limits

Parameter	Value
Operating Pressure	3000 Pa
Max Air Velocity	30 m/s
Temperature Range	-30°C to +150°C

Construction Materials

- Outer Jacket: 1 layer aluminum + 1 layer PET Polyester
- Inner Duct: Aluminum + polyester + aluminum or aluminum + polyester
- Insulation: Environmental protection cotton

Dimensions & Compatibility

Available Diameters	75mm - 750mm (3.5" - 30")
Standard Lengths	5m, 6m, 7.5m, 10m

Compliance & Safety

Fire Resistance

Limited combustibility