

- Insulated
- Aluminium laminated
- Thermally insulated



Insulation of 50 mm for spiral ducts type ISOSLEEVE 50

The **ISOSLEEVE 50** is a thermally insulating sleeve of 50 mm for circular or on oval ducts.

Application

- The **ISOSLEEVE 50** insulation is used in ventilation, air conditioning, and air handling systems where high temperature resistance, and high thermal insulating qualities are required
- More particular developed for domestic applications

Composition

- Fibreglass insulation:
 - Density: 16 kg/m³
 - Thickness: 50 mm upon request
 - Thermal conductivity: 0,040 W/m-K according to ASTM C-177
 - Colour: pink (for diameter 127, 165 and 203) or yellow (other diameters)
- 1 layer aluminium / 2 layers of polyester seamless outer jacket, total thickness: 31 μ
- Polyester barrier inside to simplify the mounting around air ducts
- Colour: Aluminium

Specification

- Temperature range: From - 30°C till + 140°C
- Thermal conductivity $\lambda = 0.039$ W / m K, thermal resistance $R = 1.3$ m²K/W
- As the product does not contain PVC, no toxic vapours are released should fire occur

Packaging

- Each 10 m length is rolled up

Chemical resistance

- Good resistance to many organic solvents
- Moderate resistance to acid and base

Static properties

- The **ISOSLEEVE 50** is suitable for applications where static discharges have to be avoided

Accessories

- Aluminium tape, type **Alutape 40S**

Text for tender

- The ventilation ducts shall be insulated on the outside with a reinforced sleeve with glass fibre insulation
- Type **ISOSLEEVE 50**

Order example

- **Isosleeve 50, 127**

Explanation :

Isosleeve = Type of Flexible duct

127 = Diameter of flexible duct