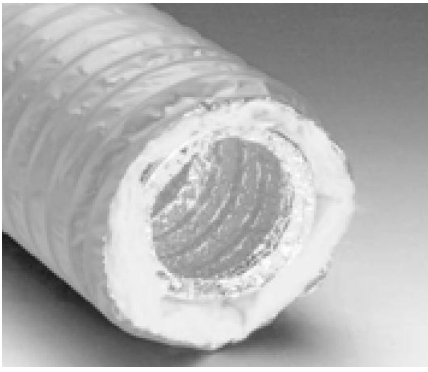


TECHNICAL SPECIFICATIONS



ISODEC 250+ COMBIDEC 2100

THERMAL INSULATED DUCTING

The **ISODEC 250/COMBIDEC 2100** consists of an aluminium laminate inner duct, thermally insulated with a glass wool layer and provided with an aluminium laminated outer jacket and covered with a Combidec 2100 outer duct. The thermal insulation is suitable for preventing condensation and minimizing heat loss and loss of cold.

APPLICATION

- Insulation in ventilation and air supply systems
- Air conditioning systems
- Thermic insulation in order to prevent heat loss or loss of cold
- Preventing of condensation in ventilation systems
- Ventilation systems
- Machine building exhaust
- Blower distribution

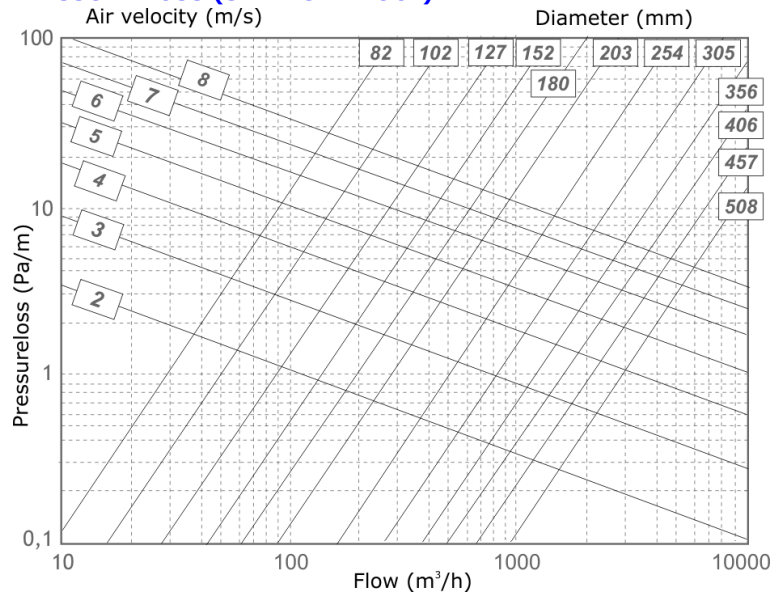
SPECIFICATIONS

Article code:	DIXC1G/B{Ø}
Temperature range:	
Inner duct:	-30 °C to 250 °C
Outer duct:	-30 °C to 140 °C
Operating pressure:	up to +3000 Pa
Operating air velocity:	max. 30 m/s
Min. bending radius:	0.58 x Ø + 25mm
Standard diameter range:	82 – 508 mm
Standard length:	6 mtr

CONSTRUCTION

Inner duct:	Alu/poly laminate
Glass wool blanket:	25mm, 16kg/m ³
Outer duct:	Alu/poly/pvc laminate
R-value glass wool:	0.65 m ² K/W (ASTM C177-76)
Appearance:	Grey or Black

PRESSURE LOSS (STRAIGHT DUCT)



The **ISODEC 250/COMBIDEC 2100** fulfills all the requirements and are classified as specified within EN 13180: *Ventilation for buildings – Ductwork - Dimensions and mechanical requirements for flexible ducts*.

The **ISODEC 250/COMBIDEC 2100** is also available, on request, with a 50 mm glass wool layer, the article number is: DIX50C1G{Ø}
R-value glass wool: 1.3 (50 mm) m² K/W (ASTM C177-76).