

Description

The SONODEC 25 consists of a perforated aluminum laminate inner duct thermally and acoustically insulated with glass wool and is provided with an aluminium laminated outer jacket.

An anti-migration barrier between the duct and the insulation wool adds strength and prevents the diffusion of insulation particles, as well as the following functions: improves acoustical performance, avoids cold bridges, leakage, pressure loss, protecting the R-value to be effected by humidity influences and avoid grow of fungus in the insulation wool.

The SONODEC 25 fulfills all the requirements and are classified as specified within EN 13180:

Ventilation for buildings – Ductwork - Dimensions and mechanical requirements for flexible ducts.



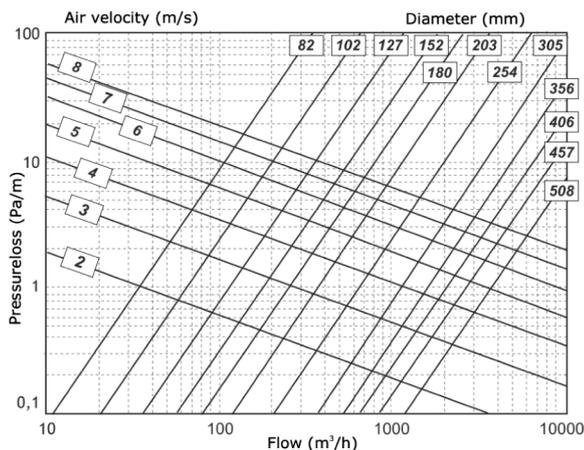
Construction

- Inner duct: alu/poly laminate
- Barrier: closed film
- Glass wool blanket: 25mm, 16kg/m³
- Outer jacket: alu/poly laminate
- R-value glass wool: 0.65 m² K/W (ASTM C177-76)
- Appearance: aluminium

Specification

- Temperature range: -30 °C to 140 °C
- Operating pressure: up to +2500 Pa
- Operating air velocity: max. 30 m/s
- Min. bending radius: 0.54 x Ø + 25mm
- Standard diameter range: 82 – 508 mm
- Standard length: 10 mtr

Pressure Loss (Straight Duct)



Ød nom
82
102
127
152
180
203
254
305
356
406
457
508

Order code

Product _____ 9183
 Dimension Ød _____ 82

Example: 918382-Ø82