

# SONODEC 25 TRD NON-WOVEN

FLEXIBLE SOUND ATTENUATORS

The **SONODEC 25 TRD NON-WOVEN** consist of a Polypropylene fabric cloth inner duct, thermal insulated with a glass wool layer and provided with an aluminium laminated outer jacket. The inner duct is hydrophobic and Anti-Bacterial. Both ends are taped to make ready-made connections.

## APPLICATION

- Air supply systems
- Air conditioning systems
- Insertion loss damper
- Sound attenuator
- Decreasing sound of machines

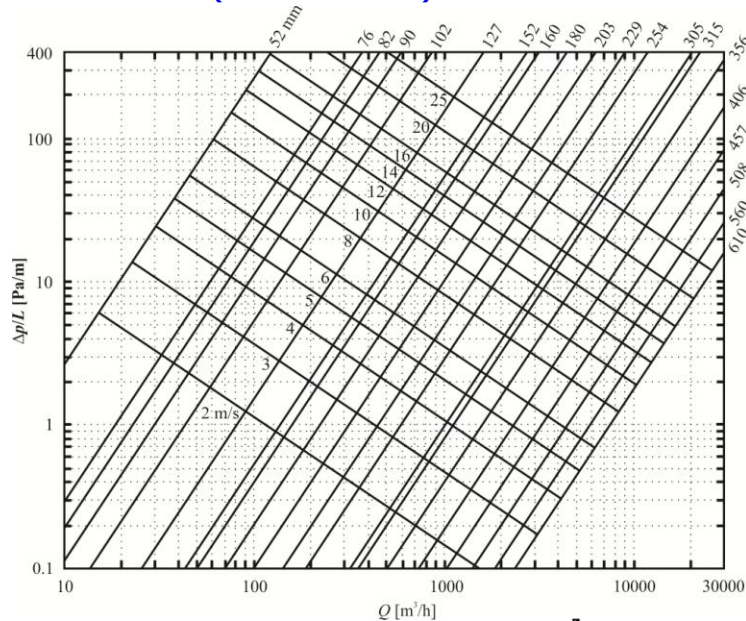
## SPECIFICATIONS

Article code: SBIT{Ø}/L  
 Temperature range: -30 °C to 140 °C  
 Operating pressure: up to +2500 Pa  
 Operating air velocity: max. 25 m/s  
 Min. bending radius: 0.54 x Ø + 25mm  
 Standard diameter range: 82 – 315 mm  
 Standard length: 1mtr

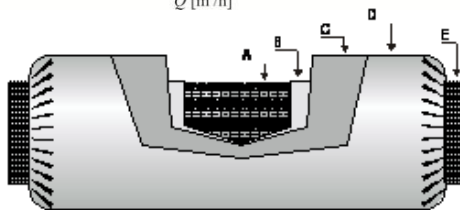
## CONSTRUCTION

Inner duct: Non-woven Polypropylene fabric cloth  
 Glass wool blanket: 25mm, 16kg/m<sup>3</sup>  
 Outer jacket: alu/poly laminate  
 R-value glass wool: 0.65 m<sup>2</sup> K/W (ASTM C177-76)  
 Appearance: aluminium

## PRESSURE LOSS (STRAIGHT DUCT)



- A. inner duct
- B. barrier
- C. glass wool
- D. outer jacket
- E. gasket



The **SONODEC 25 TRD NON-WOVEN** fulfills all the requirements and are classified as specified within EN 13180: *Ventilation for buildings – Ductwork - Dimensions and mechanical requirements for flexible ducts.*