

TECHNICAL DATA SHEET

DucoFlex Silencer semi rigid D160 / D180 (M/M) L1000 mm

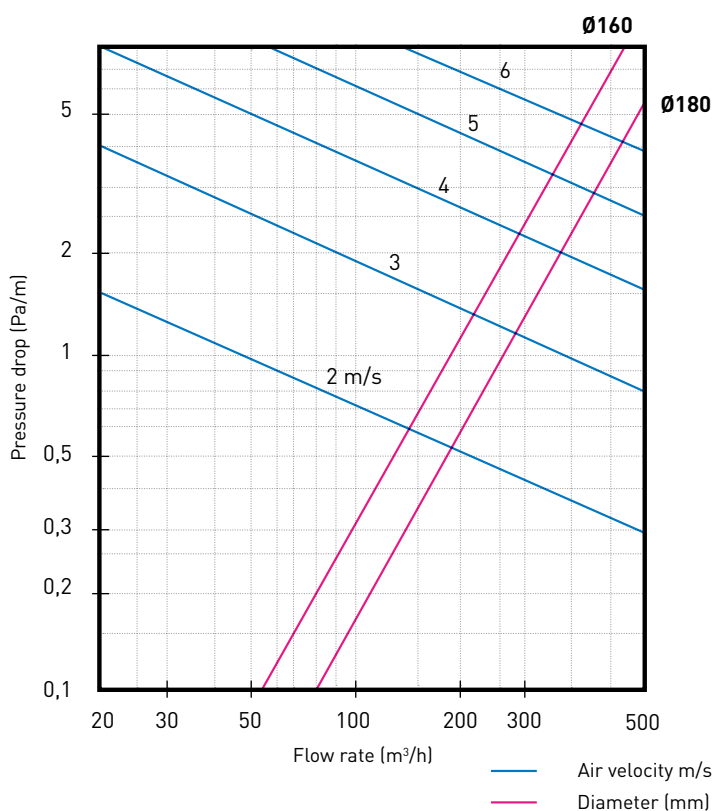


The DucoFlex Silencer semi rigid D160 / D180 (M/M) is a semi rigid (bendable) silencer composed of a profiled and perforated aluminium inner duct and a two-layered profiled outer jacket. The space between the inner and outer jacket is filled with 50 mm sound absorbing material. The silencer is provided with aluminium caps on both ends (2 x M connection). This allows the silencer to be connected quickly, easily and airtight to the ventilation unit or the rigid ventilation ducts of diameter D160 or D180.

Specifications

Item number	0000-4587 (D160) 0000-4588 (D180)
Dimensions (WxHxL) in mm:	260 x 260 x 1120 (D160) 280 x 280 x 1120 (D180)
Airtightness class:	n/a
Inside wall finish:	<ul style="list-style-type: none"> Perforated aluminium
Specific features:	<ul style="list-style-type: none"> Bendable Operating temperature: -30°C to 250°C
Scope:	Extraction / supply
Material:	Aluminium - rubber - glass wool
Colour:	Aluminium
Packaging:	Packaged individually

Pressure loss per metre (in relation to air velocity) - straight design

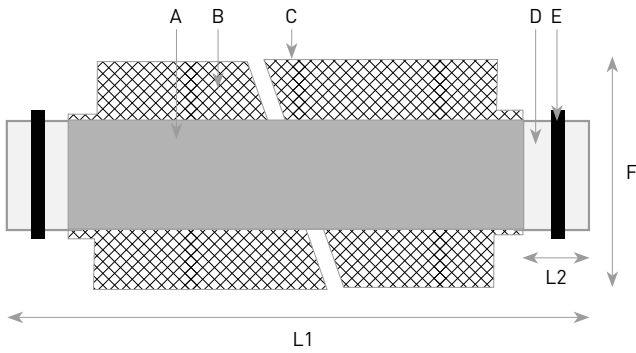


Acoustic values

Ø (mm)	Length (m)	Insertion loss Di (dB)						Di (dB)
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
Ø 160	1	3	11	25	43	40	20	22
Ø 180	1	2	11	22	41	28	18	18

[Test Report A1453-1 - Peutz bv]

Dimensions



- A: Inner jacket in perforated + profiled aluminium
- B: Glass wool (50mm - 16kg/m³)
- C: Outer jacket in profiled aluminium
- D: Plug-in socket
- E: Seal (rubber)

L1: 1120 mm

L2: 40 mm

F: D160 = 260 mm / D180 = 280 mm

Specific features

	Connection 1 (inside dimension)	Connection 2 (inside dimension)	Bending radius min.
DucoFlex Silencer semi rigid D160 (M/M)	D160	D160	0,32 mm
DucoFlex Silencer semi rigid D180 (M/M)	D180	D180	0,36 mm