

# TECHNICAL DATA SHEET

## DucoFlex Silencer semi rigid D160 / D180 / D200 (M/M) L1000 mm

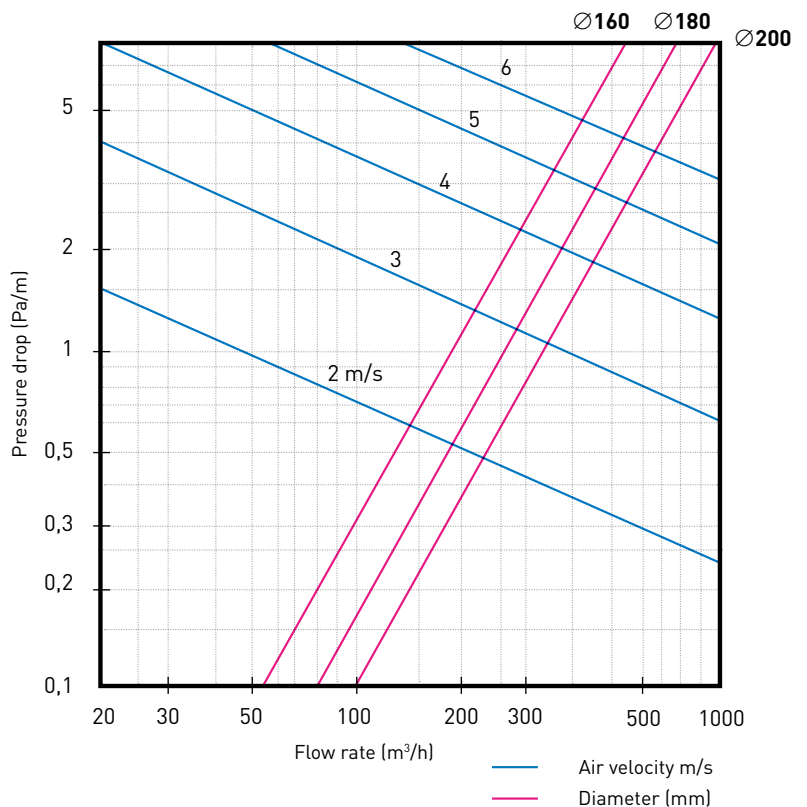


The DucoFlex Silencer semi rigid D160 / D180 / D200 (M/M) is a semi rigid (bendable) silencer composed of a profiled and perforated aluminium inner duct and a two-layered outer jacket. The space between the inner and outer jacket is filled with 50 mm sound absorbing material. The silencer is provided 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, D180 or D200.

### Specifications

<b>Item number</b>	0000-4587 (D160) 0000-4588 (D180) 0000-4919 (D200)
<b>Dimensions (WxHxL) in mm:</b>	260 x 260 x 1120 (D160) 280 x 280 x 1120 (D180) 300 x 300 x 1120 (D200)
<b>Inside wall finish:</b>	• Perforated aluminium
<b>Specific features:</b>	• Bendable • Operating temperature: -30°C to 250°C
<b>Scope:</b>	Extraction / supply
<b>Material:</b>	Aluminium - rubber - glass wool
<b>Colour:</b>	Aluminium
<b>Packaging:</b>	Packaged individually

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

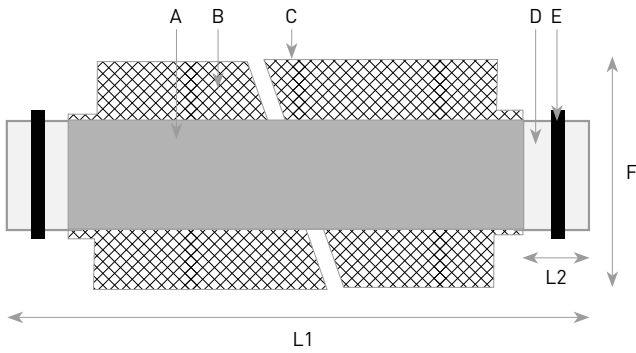


### Acoustic values

Ø (mm)	Lengte (m)	Insertion loss - average damping (D <sub>i</sub> )						D <sub>i</sub> (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
Ø 200	1	4	10	21	43	25	14	21

[Test Report A1453-1 - Peutz bv]

## Dimensions



- A: Inner jacket in perforated + profiled aluminium
- B: Glass wool (50mm - 16kg/m<sup>3</sup>)
- 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 / D200 = 300 mm

## Specific features

	Connection 1 (inside dimension)	Connection 2 (inside dimension)	Bending radius min.
DucoFlex Silencer semi rigid D160 (M/M)	D160	D160	1 to 2 x F
DucoFlex Silencer semi rigid D180 (M/M)	D180	D180	1 to 2 x F
DucoFlex Silencer semi rigid D200 (M/M)	D200	D200	1 to 2 x F