

TECHNICAL DATA SHEET

DucoFlex Silencer flexible

Ø125 / Ø160 / Ø180 / Ø200 L1000 mm

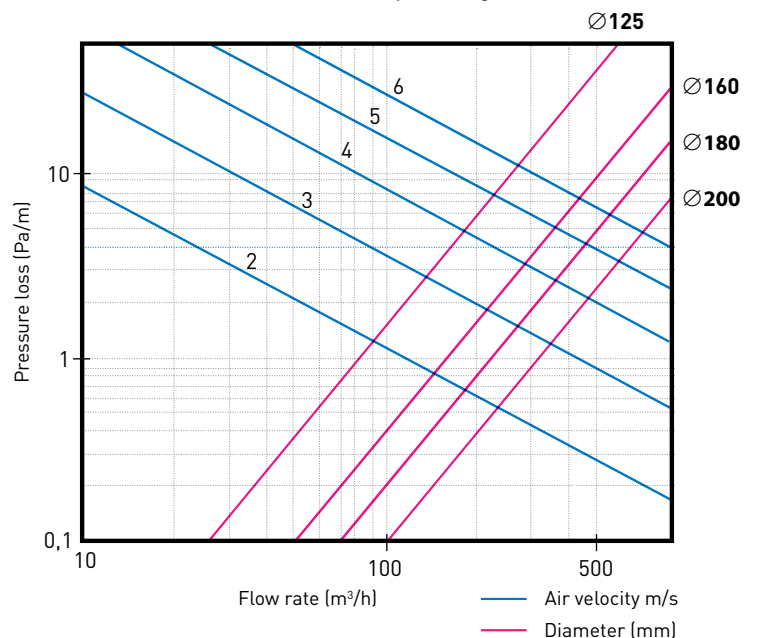
The DucoFlex Silencer is a (semi-)flexible silencer composed of a flexible antibacterial inner duct (non-woven) and a polyester-laminated aluminium outer jacket. The space between the inner and outer jacket is filled with 25 mm of sound-absorbing material.



Properties

Item number	0000-4586 (Ø125 STD) 0000-4630 (Ø125 M/F) 0000-4631 (Ø160 M/M) 0000-4632 (Ø180 M/M) 0000-4918 (Ø200 M/F)
Dimensions (W x H x L):	175 x 175 x 1100 mm (Ø125 STD) 175 x 175 x 1160 mm (Ø125 M/F) 210 x 210 x 1160 mm (Ø160 M/M) 230 x 230 x 1160 mm (Ø180 M/M) 250 x 250 x 1160 mm (Ø200 M/F)
Airtightness class:	Not applicable
Inside wall finish:	<ul style="list-style-type: none"> Polypropylene cloth (non-woven) Antibacterial
Specific properties:	<ul style="list-style-type: none"> Very flexible Operating temperature: -30 °C to +140 °C
Scope of application:	Extract air / supply air
Material:	PP - Alu/polyester - Glass wool
Colour:	Aluminium
Packaging:	Packaged individually

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

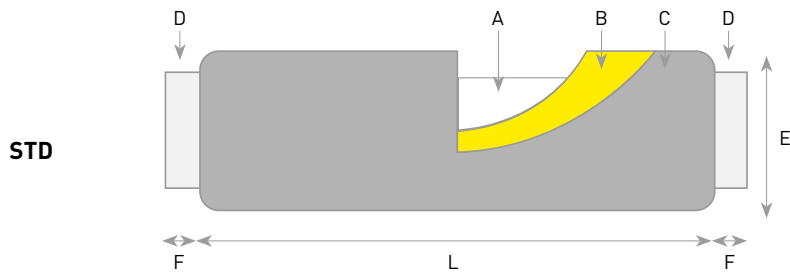


Acoustic values

Ø (mm)	Length (m)	Insertion loss Di (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ø 125	1	11	12	30	25	26	30	40	24
Ø 160	1	7	16	30	23	24	30	34	22
Ø 180	1	3	7	29	23	22	28	29	17
Ø 200	1	3	7	29	23	22	28	29	17

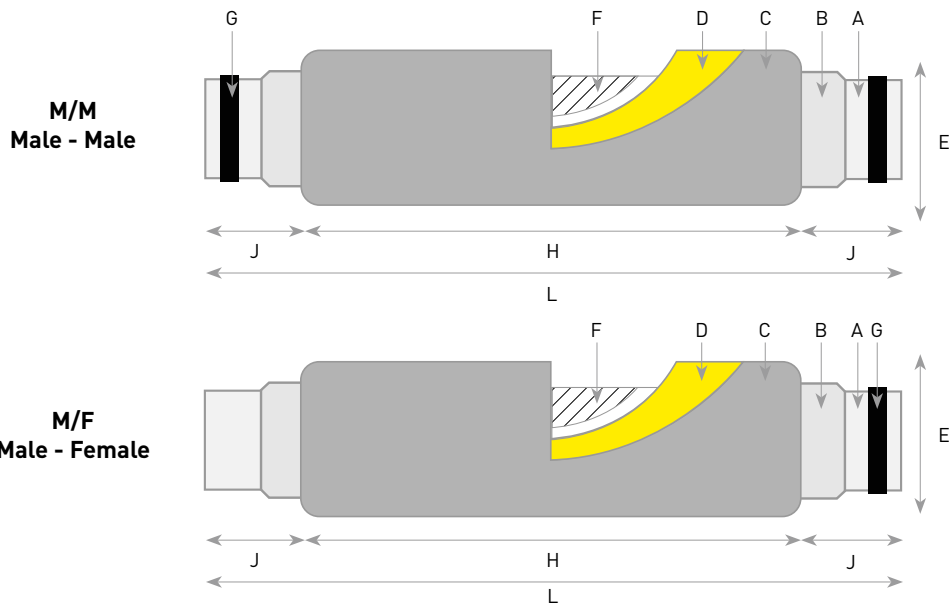
[Test Report LAV 5957/19 - IMS Institute ad]

Dimensions



A: Inner jacket in Polypropylene - Non-woven
 B: Glass wool (25 mm - 16 kg/m³)
 C: Outer jacket in polyester-laminated aluminium
 D: Aluminium tape

L: 1000 mm
 F: 50 mm
 E: Ø125 = 175 mm



A: Inner ring
 B: Outer ring
 C: Outer jacket in polyester-laminated aluminium
 D: Glass wool (25 mm - 16 kg/m³)
 F: Inner jacket in Polypropylene - Non-woven
 G: Seal (rubber)

H: 1000 mm
 L: 1160 mm
 J: 80 mm
 E: Ø125 (M/F) = 175 mm
 Ø160 (M/M) = 210 mm
 Ø180 (M/M) = 230 mm
 Ø200 (M/F) = 250 mm

Specific properties

	Connection 1 (inside dimension)	Connection 2 (inside dimension)	Bending radius minimum
DucoFlex Silencer Flexibel Ø125 (STD)	127 mm	127 mm	0,20 m
DucoFlex Silencer Flexibel Ø125 (M/F)	125 mm	125 mm	0,20 m
DucoFlex Silencer Flexibel Ø160 (M/M)	160 mm	160 mm	0,24 m
DucoFlex Silencer Flexibel Ø180 (M/M)	180 mm	180 mm	0,26 m
DucoFlex Silencer Flexibel Ø200 (M/F)	200 mm	200 mm	0,28 m