

## TECHNICAL DATA SHEET

# DucoFlex Silencer flexible D125 / D160 / D180 L1000mm

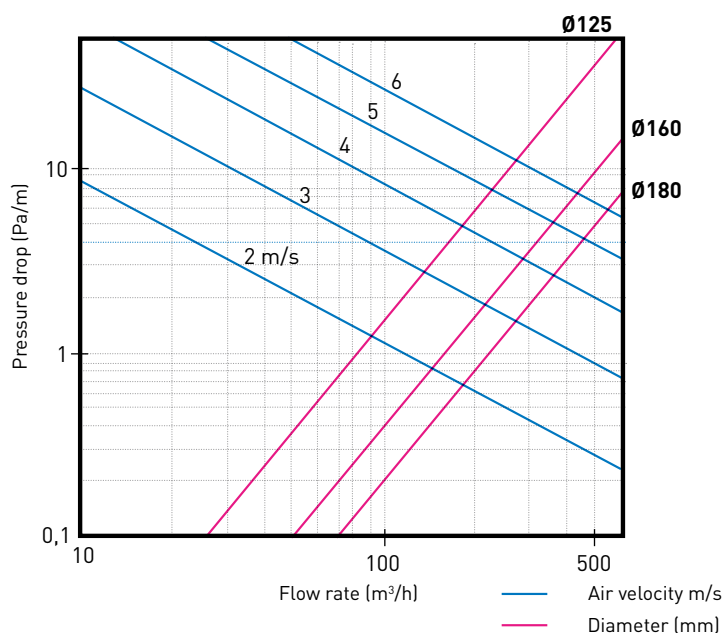


The DucoFlex Silencer is a (semi-)flexible silencer composed of a flexible antibacterial inner duct (non-woven) and a polyester-laminated aluminium outer jacket. The space between the inner and outer jacket is filled with 25 mm sound absorbing material.

## Specifications

<b>Item number</b>	0000-4586 (D125) 0000-4630 (D125 M/F) 0000-4631 (D160 M/M) 0000-4632 (D180 M/M)
<b>Dimensions (WxHxL) in mm:</b>	175 x 175 x 1100 (D125) 175 x 175 x 1160 (D125 M/F) 210 x 210 x 1160 (D160 M/M) 230 x 230 x 1160 (D180 M/M)
<b>Airtightness class:</b>	n/a
<b>Inside wall finish:</b>	<ul style="list-style-type: none"> <li>• Polypropylene cloth (non-woven)</li> <li>• Antibacterial</li> </ul>
<b>Specific features:</b>	<ul style="list-style-type: none"> <li>• Very flexible</li> <li>• Operating temperature: -30°C to 140°C</li> </ul>
<b>Scope:</b>	Extraction / supply
<b>Material:</b>	PP - Alu/polyester - Glass wool
<b>Colour:</b>	Aluminium
<b>Packaging:</b>	Packaged individually

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

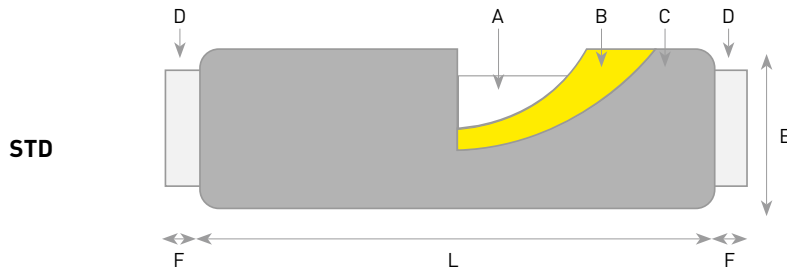


## Acoustic values

Ø (mm)	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

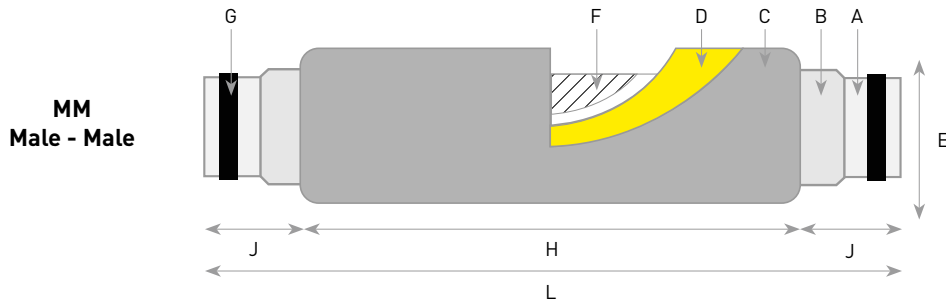
[Test Report LAV 5957/19 - IMS Institute ad]

## Dimensions

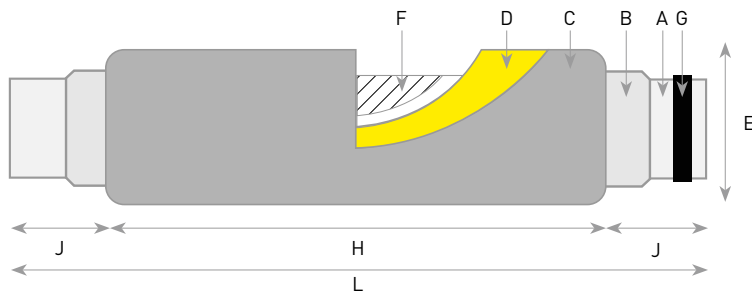


A: Inner jacket in Polypropylene - Non-woven  
 B: Glass wool (25mm -16kg/m<sup>3</sup>)  
 C: Outer jacket in polyester laminated aluminium  
 D: Aluminium tape

L: 1000mm  
 F: 50mm  
 E: D125 = 175 mm



**MF**  
 Male - Female



A: Inner ring  
 B: Outer ring  
 C: Outer jacket in polyester laminated aluminium  
 D: Glass wool (25mm -16kg/m<sup>3</sup>)  
 F: Inner jacket in Polypropylene - Non-woven  
 G: Seal (rubber)

H: 1000 mm  
 L: 1160 mm  
 J: 80 mm  
 E: D125 (M/F) = 175mm  
 D160 (M/M) = 210 mm  
 D180 (M/M) = 230 mm

## Specific features

	Connection 1 (inside dimension)	Connection 2 (inside dimension)	Bending radius min.
DucoFlex Silencer Flexibel D125	127 mm	127 mm	0,20 m
DucoFlex Silencer Flexibel D125 (M/F)	125 mm	125 mm	0,20 m
DucoFlex Silencer Flexibel D160 (M/M)	160 mm	160 mm	0,24 m
DucoFlex Silencer Flexibel D180 (M/M)	180 mm	180 mm	0,26 m