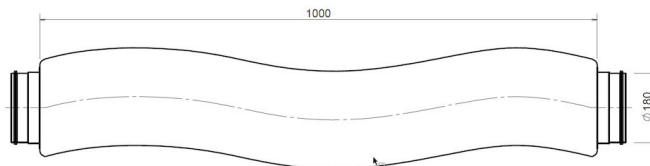


General information

EasyAir Sounddamper Flexible 180 L=1000



Specifications

Article number	400480582
Product category	Insulated tube
Material	Polypropyleen - Non woven
Colour	Gray
Wall Thickness (mm)	25
Weight (kg)	1,5

Dimensions

Diameter inside (mm)	179
Diameter outside (mm)	229
Dimensions (l x w x h mm)	1000 x 229 x 229

Application Insights

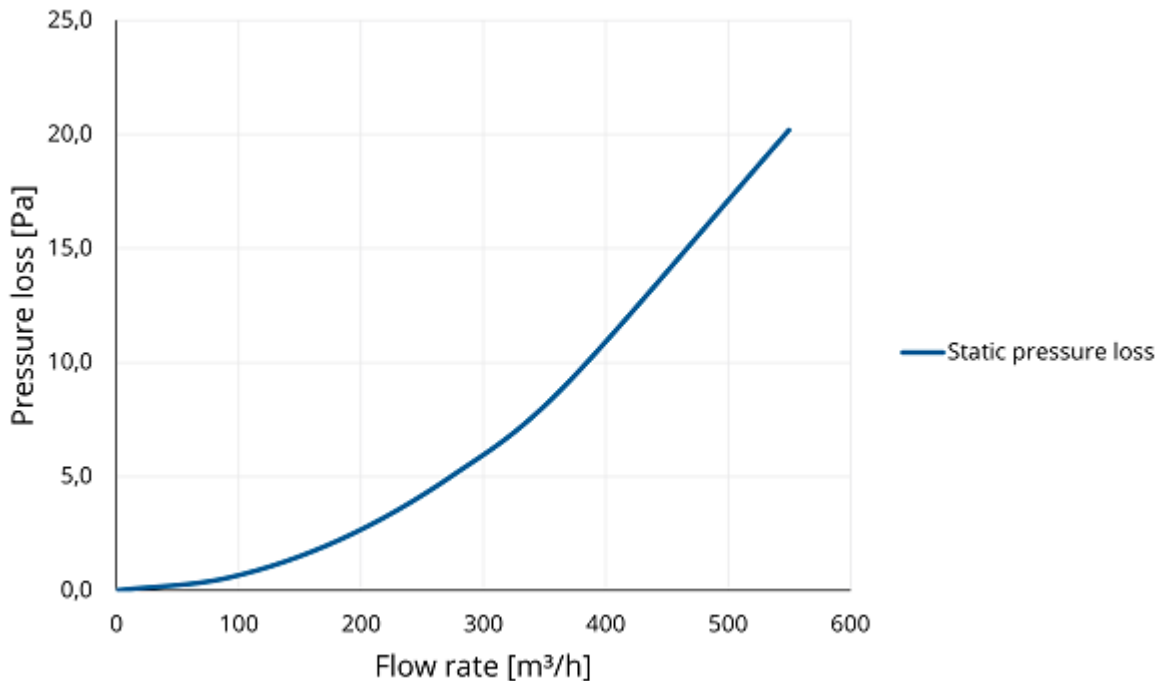
Intended use	Noise reduction in ventilation ducts through insertion loss.
Supply / Extract	Supply Insulated
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m ³ /h)	550
ζ extract	-
ζ supply	0,93
Air Tightness Class	2
λ Thermal conductivity (W/(m·K))	0,385
R-value (m ² K/W)	0,65
Fire rating	E
Other specifications	Average attenuation: 23dB; The inner duct is hydrophobic and Anti-Bacteria; Bend radius (mm) = Dn + 25

Graph

Pressure loss



Table

Flow velocity pressure table

Flow rate			Static pressure loss [Pa]
[m/s]	[m³/h]	[l/s]	
0	0	0	0,0
1	92	25	0,6
2	183	51	2,2
3	275	76	5,0
4	366	102	9,0
6	550	153	20,2