

Flexible duct silencer

Flexicomp



Description

Flexicomp is a flexible silencer with good sound attenuation. The inner tube is made of flexible, perforated aluminium and the attenuation material is mineral wool. Outer tube is made of PE-plastic. The end studs are equipped with female connectors.

For best attenuation, the silencer must be pulled out to full length. Delivered compressed. For best attenuation, the silencer must be pulled out to the full length.

Advantages

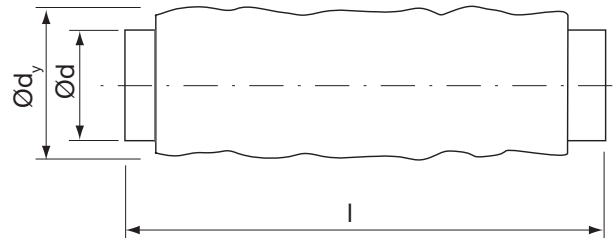
- Effective attenuation
- Easy to install
- Tightness class C
- Small storage and transportation volume.

Order code

Product	Flexicomp	d	l	t
Flexicomp				
Connection (d) in mm ($\text{\O}d_{1\text{nom}}$)				
100 - 315				
Length (l), in mm (l_{nom})				
600 - 1200				
Insulation thickness (t) in mm				
25 mm				

Example: Flexicomp 100 - 1200 - 25

Dimensions



Technical data

Materials

Inner duct:	Flexible and perforated aluminium duct
Attenuation material:	Mineral wool
Outer casing:	PE plastic
Bending:	2-3 x diameter
Temperature range	-40°C to +80°C

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Sound data

Length 600 mm

Insertion loss for Flexicomp in full product length

Ød (mm)	l _{nom} (mm)	Insertion loss [dB] for centre frequency [Hz]							
		63	125	250	500	1k	2k	4k	8k
80	600	13	23	32	33	29	34	16	10
100	600	12	17	30	27	23	30	20	12
125	600	13	15	24	20	20	29	13	10
160	600	10	15	18	17	15	20	10	8
200	600	10	17	17	12	12	16	8	7
250	600	13	15	15	10	12	12	6	6
315	600	7	10	12	8	11	8	5	4

Length 1200 mm

Insertion loss for Flexicomp in full product length

Ød (mm)	l _{nom} (mm)	Insertion loss [dB] for centre frequency [Hz]							
		63	125	250	500	1k	2k	4k	8k
80	1200	14	20	40	43	38	42	24	16
100	1200	14	19	38	36	33	42	29	16
125	1200	17	15	33	28	29	40	25	16
160	1200	15	25	32	26	26	36	17	13
200	1200	13	20	29	22	23	26	13	11
250	1200	15	19	23	17	21	20	10	11
315	1200	8	12	20	15	22	13	8	8