

Flexible duct silencer

Flexicomp



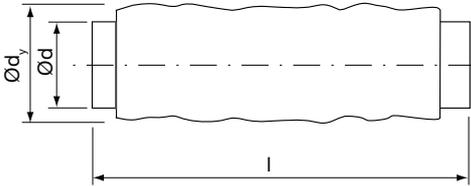
Description

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.

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

Order code

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

Example: Flexicomp 100 - 1200 - 25

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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]						
		125	250	500	1k	2k	4k	8k
80	600	23	32	33	29	34	16	10
100	600	21	31	27	24	20	9	7
125	600	20	25	22	20	20	10	8
160	600	14	20	19	17	17	8	6
200	600	13	18	13	12	15	7	5
250	600	15	17	12	12	17	7	5
315	600	13	13	8	10	10	5	3

Length 1200 mm

Insertion loss for Flexicomp in full product length

Ød (mm)	l _{nom} (mm)	Insertion loss [dB] for centre frequency [Hz]						
		125	250	500	1k	2k	4k	8k
80	1200	29	40	43	38	42	24	16
100	1200	27	35	33	37	42	33	16
125	1200	30	34	29	34	40	38	17
160	1200	20	30	28	28	37	36	14
200	1200	20	30	23	24	35	23	14
250	1200	28	22	17	19	21	8	7