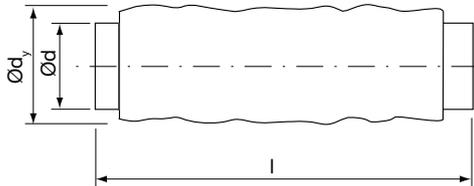


Flexible duct silencer

Flexicomp



Dimensions



Description

An inner wall made of flexible, folded, and perforated duct. The inner wall is covered with a glass wool mat. The insulation is covered with a PE-plastic outer casing.

The insulation reduces the sound passing through the silencer. The silencer should be extended to its full length for best sound attenuation. Withstands temperatures from -40 °C to + 80 °C.

Advantages

- Small storage and transportation volume.
- The ends are provided with sleeves for easy assembly and tighter connection.
- Saves installation and materials.

Technical data

Duct material

Inner duct.....	Flexible and perforated duct
Insulation.....	Glass wool mat
Outer casing.....	PE plastic
Bending radius.....	2-3 x diameter
Temperature range.....	-40°C to +80°C
Fire class.....	The glass wool is VIM tested and classified as a non-combustible material by the state testing institute.

Order code

Product	FLEXICOMP	100	1200	25
FLEXICOMP				
Dimension Ød				
Length l				
Thickness				

Sound data

Length 600 mm

Measured insertion damping for FlexiComp (fully extended and straight).

Ød (mm)	l _{nom} (mm)	Insertion damping / octave strip (dB)							
		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

Measured insertion damping for FlexiComp (fully extended and straight).

Ød (mm)	l _{nom} (mm)	Insertion damping / octave strip (dB)							
		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