

Flexible silencer

FSAMF



Description

FSAMF is a flexible silencer with good sound attenuation. Inner tube is flexible perforated aluminum with Acutec® attenuation material (polyester). Outer tube is made of polyethylene.

Equipped with female connectors.

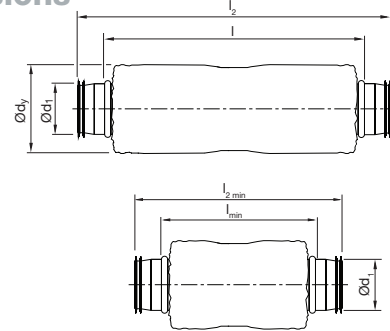
The sound leads through the casing and then attenuation occurs. The bendability of the silencer allows adaption to very confined spaces and difficult wiring. For best attenuation, the silencer must be pulled out to full length.

Delivered compressed, l_{min} .

- Effective attenuation
- Attenuation material is Acutec® (Polyester).
- Easy to install

Tightness class C

Dimensions



$\text{Ø}d_1$ [mm]	$\text{Ø}d_y$ [mm]	l [mm]	l_{min} [mm]	l_2 [mm]	l_{2min} [mm]	m [kg]
100	180	550	350	625	425	0,60
125	190	550	350	625	425	0,70
160	220	550	350	625	425	0,90
200	260	550	350	625	425	1,10
250	315	550	400	660	510	1,40
315	380	550	400	660	510	1,70

$\text{Ø}d_1$ [mm]	$\text{Ø}d_y$ [mm]	l [mm]	l_{min} [mm]	l_2 [mm]	l_{2min} [mm]	m [kg]
100	180	1100	730	1160	790	1,00
125	190	1100	730	1160	790	1,10
160	220	1100	730	1160	790	1,30
200	260	1100	730	1160	790	1,70
250	315	1100	750	1160	810	2,20
315	380	1100	750	1160	810	2,60

Insertion loss

$l = 550$

$\text{Ø}d_1$ [mm]	Insertion loss [dB] for centre frequency [Hz]							
	63	125	250	500	1k	2k	4k	8k
100	28	33	25	18	14	14	13	7
125	23	25	20	15	12	10	9	6
160	21	20	15	12	10	8	7	5
200	20	22	14	11	8	7	5	3
250	17	19	11	8	7	7	4	3
315	15	17	9	6	5	5	4	2

$l = 1100$

$\text{Ø}d_1$ [mm]	Insertion loss [dB] for centre frequency [Hz]							
	63	125	250	500	1k	2k	4k	8k
100	34	38	37	29	26	22	20	12
125	30	36	30	25	21	19	17	12
160	27	32	27	21	17	14	12	8
200	24	31	25	18	13	11	11	7
250	19	22	21	15	10	11	9	6
315	18	19	16	11	9	9	8	4

Order code

Product	FSAMF	a	l
FSAMF			
Connection dim. $\text{Ø}d_1$ (a)	100 - 315 mm		
Length in mm (l)	550, 1100 mm		

Example: FSAMF - 160 - 1100

Flexible silencer

FSAMF

Technical data

Pressure loss Δp_i [Pa/m]

