

Flexible silencers with the aluminium-polyester liner

SLEFL



Description

The SLEFL flexible acoustic silencer is made of the perforated Alnor Flex tube. The applied insulation is 25 mm thick and is covered with the aluminium-polyester liner. The silencer is connected by means of metal flanges which fulfil the role of a nipple. They are available in two lengths - 600 mm and 1200 mm.

It is possible to order silencers with: EPDM rubber washers, with flange couplings of various length.

Temperature range: From - 20°C to + 140°C

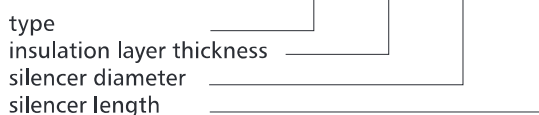
Thermal mineral wool insulation:
 Lambda = 0,034 W/m x k at 24°C

Pressure loss:
 As per the attached diagram.

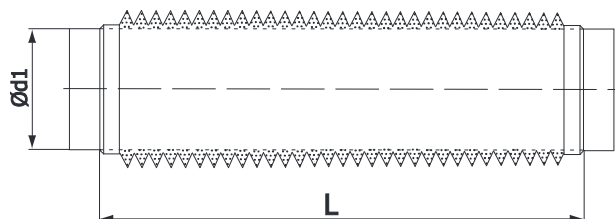
Fire retardancy:
 Silencers are made of inflammable materials.

Version - an example of the marking:
 SLEFL - nipple connection- this is a standard version
 SLEFL - nipple connection with the installed EPDM rubber gasket
 SLEFL - sleeve connection

Example identification
 Product code: **SLEFL - 25 - 100 - 1200**



Dimensions



Ød ₁ nom [mm]	L [mm]	Attenuation [dB] for frequency [Hz]						
		125	250	500	1000	2000	4000	8000
80	600	4	8	16	27	34	35	19
100	600	4	8	14	23	27	25	14
125	600	2	7	14	21	26	20	12
160	600	2	5	12	17	24	17	11
200	600	1	4	10	16	20	14	11
250	600	1	4	8	14	16	12	10
315	600	1	3	6	12	13	10	10

Ød ₁ nom [mm]	L [mm]	Attenuation [dB] for frequency [Hz]						
		125	250	500	1000	2000	4000	8000
80	1200	9	16	28	46	53	46	25
100	1200	8	13	25	40	50	40	21
125	1200	7	12	23	39	47	32	18
160	1200	4	8	21	37	40	22	14
200	1200	4	8	20	31	32	20	14
250	1200	2	6	15	27	25	15	13
315	1200	2	6	12	17	14	11	10

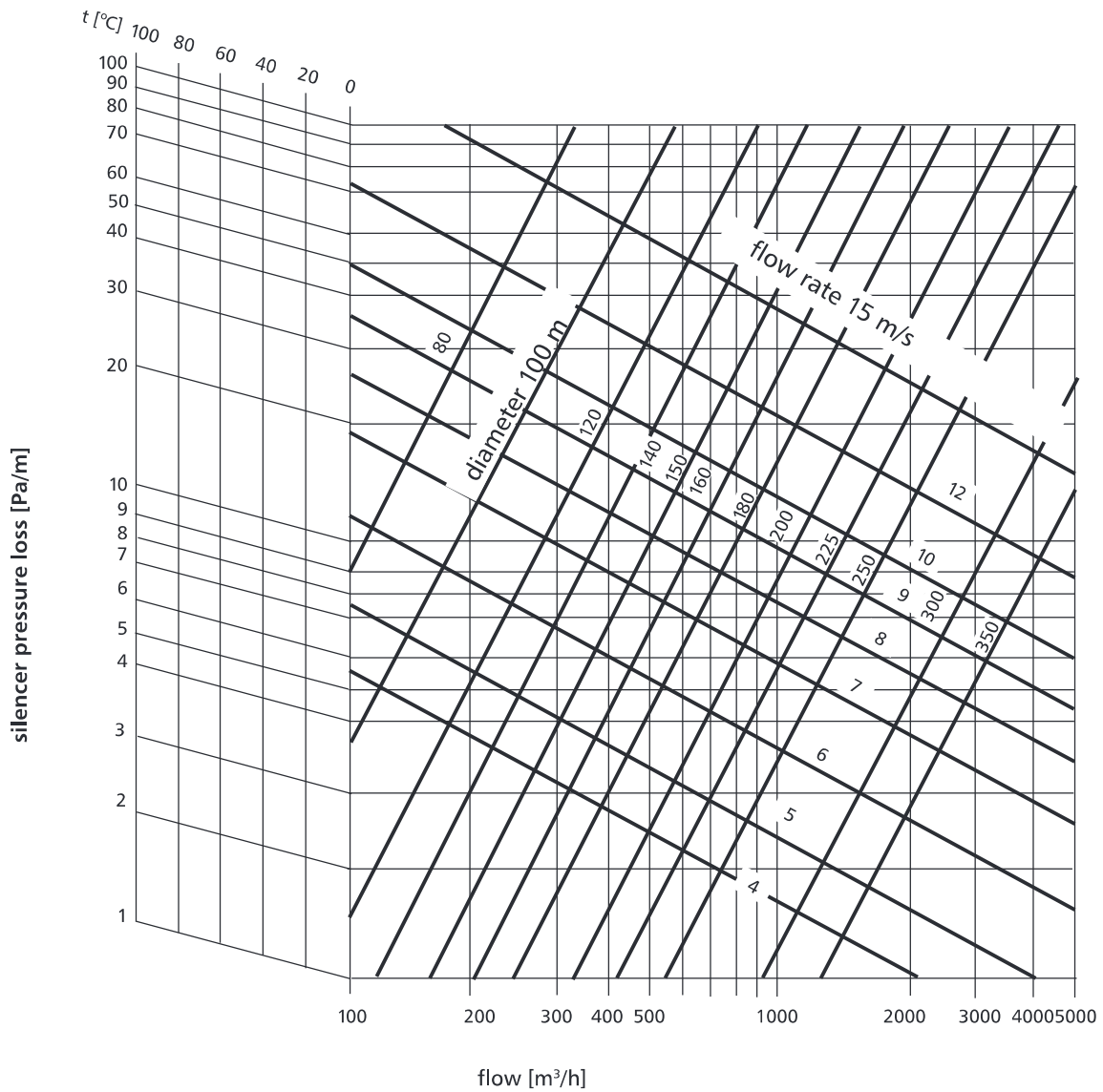
* The 50 mm insulation and the following lengths are available on request: L=500 mm and 1000 mm.

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Technical data

Pressure losses in SLEFL-25 flexible silencers.



Pressure losses in silencers made of metal pipes.

Silencer length = 1.0 m

1 Pa = 0.01 mbar = about 0.1 mm WG