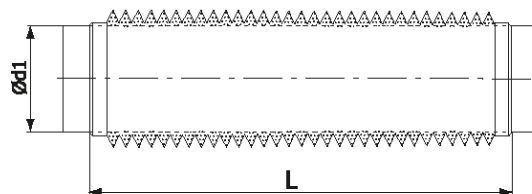




Dimensions



Description

The SLEFL-P flexible acoustic silencer is made of the perforated Alnor Flex tube. The applied insulation is 25 mm thick and is covered with the polyethylene 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

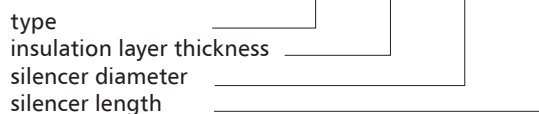
Pressure loss:
 As per the attached diagram.

Fire retardancy:
 Silencers are made of inflammable materials.

Version - an example of the marking:
 SLEFL-P - male connection- this is a standard version
 SLEFLL-P - male connection with the installed EPDM rubber gasket
 SLEFLF-P - female connection

Marking example

Product code: **SLEFL-P.. - 25 - 100 - 1200**



Ød ₁ nom [mm]	L [mm]	Attenuation [dB] for frequency [Hz]							
		125	250	500	1000	2000	4000	8000	
80	600	19	29	31	28	27	13	8	
100	600	19	30	27	25	19	10	7	
125	600	17	24	22	21	18	10	7	
160	600	13	19	18	18	16	7	6	
200	600	14	17	12	13	14	7	5	
250	600	15	15	10	12	14	6	5	
315	600	12	12	8	11	9	5	4	

Ød ₁ nom [mm]	L [mm]	Attenuation [dB] for frequency [Hz]							
		125	250	500	1000	2000	4000	8000	
80	1200	30	40	38	37	36	20	13	
100	1200	29	37	33	36	35	24	13	
125	1200	30	36	30	34	32	25	12	
160	1200	17	29	28	30	30	23	11	
200	1200	24	30	23	26	27	16	10	
250	1200	22	23	18	22	19	8	7	
315	1200	23	18	15	20	14	8	6	

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

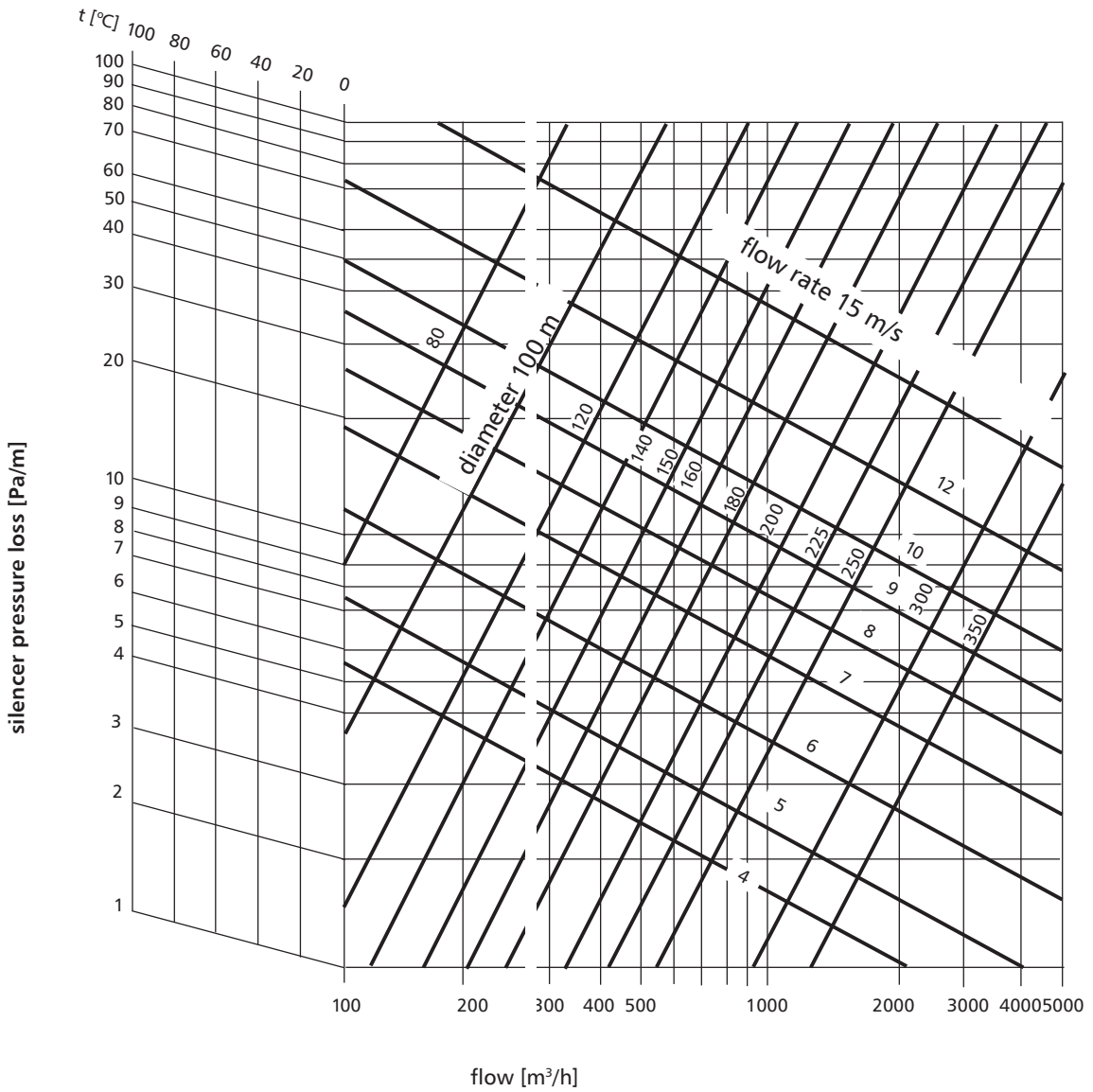
Flexible silencers with the polyethylene liner

SLEFL-P

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Technical data

Pressure losses in SLEFL-P.. 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