

# Flexible silencers

## SLEFL

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### Description

The SLEFL acoustic silencer is made of the Alnor Flex perforated duct. Applied insulation is 25 mm thick and is shielded with the ALUDUCT AD-L housing reinforced with spirally coiled steel wire. The silencer connection is made by means of metal flanges acting as a nipple. They are available in two length versions: 600 and 1200 mm. Optionally other lengths of the silencer are available as well as application of muff connections.

**Range of temperature:** -20°C up to + 140°C

**Thermal insulation of mineral wool:**  $\lambda = 0,034$  W/m x k in 24°C

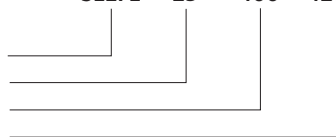
**Pressure loss:**  
According to enclosed diagram

**Fire resistance:**  
The silencers are made of non-flammable materials.

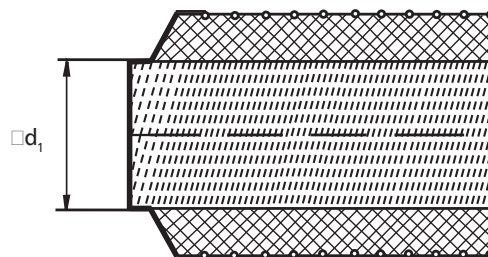
#### Example identification

Product code: SLEFL- 25 - 100 - 1200

type  
insulation  
diameter  
length



### Dimensions



$\varnothing d_1$ nom [mm]	L [mm]	Noise suppression [ 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	

$\varnothing d_1$ nom [mm]	L [mm]	Noise suppression [ 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	

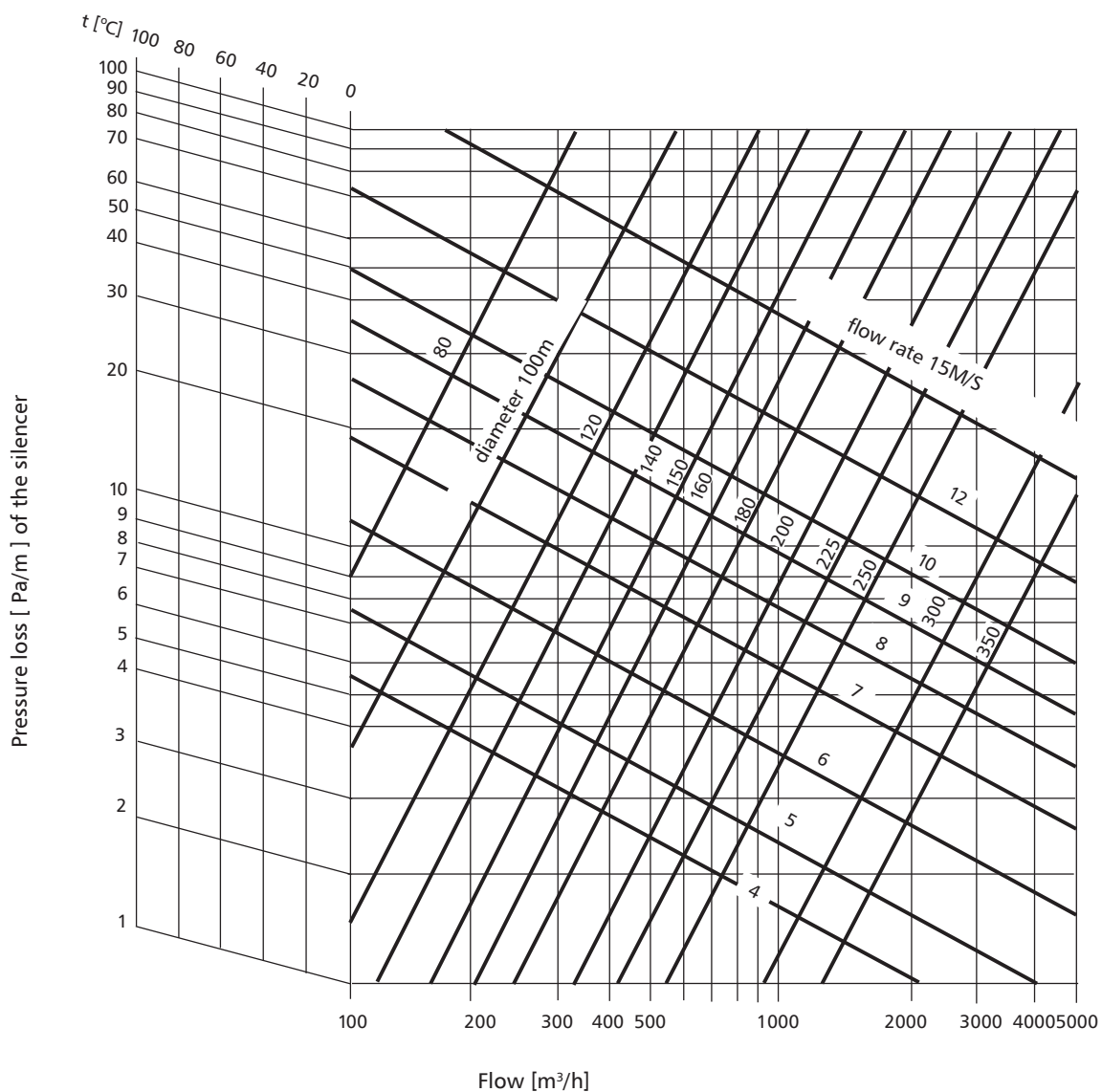
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### Technical Data

Pressure loss of the SLEFL flexible silencers



Pressure loss of silencers made of metal pipes.  
 Silencer length = 1,0 m  
 1 Pa = 0,01 mbar = ca. 0,1 mm WG