



## APPLICATION

Duct silencer for flexible joints in ventilation systems.

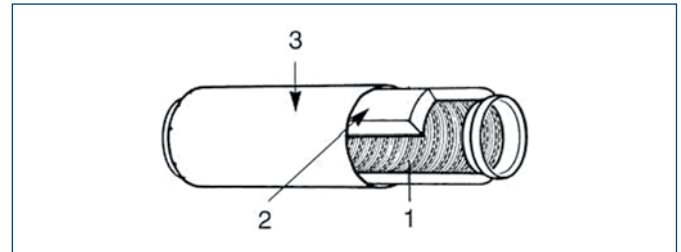
## CONSTRUCTION

Inner layer (1): elastic perforated aluminium pipe.

Median layer (2): mineral wool thickness 25 mm.

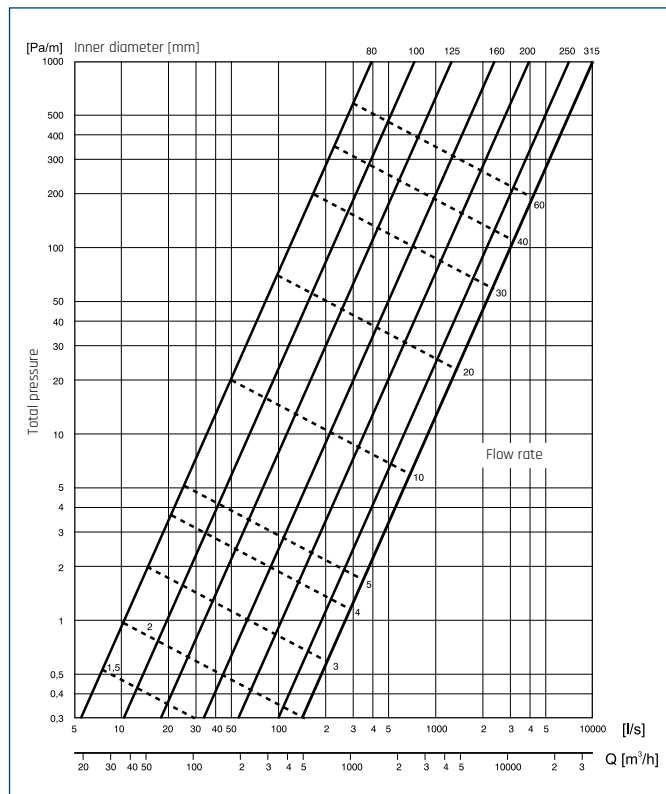
Outer layer (3): flash-resistant and abrasion resistant aluminium foil.

The silencer contains an inflexible connection pipe for easy installation.



The silencer is supplied in a compressed form, which must be stretched to full length during assembly to achieve the full absorption effect.

## CHARACTERISTICS OF PRESSURE LOSS



## RANGE OF DIAMETERS

80 - 315 mm

## STANDARD LENGTH

For 0,3 m to max 0,6 m after stretching or for 0,6 m to max 1,2 m after stretching.

length [mm]	diameter [mm]	article number
0,6	80	40221500
	100	40221510
	125	40221520
	160	40221530
	200	40221540
	250	40221550
1,2	315	40221560
	80	40221600
	100	40221610
	125	40221620
	160	40221630
	200	40221640
	250	40221650
315	40221660	

## NOISE SUPPRESSION [dB]

(for flow velocity 4 m/s)

diameter [mm]	Silencer 0,6 m (outstretched and straight)								Silencer 1,2 m (outstretched and straight)							
	[Hz]															
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
80	25	23	32	33	29	34	16	10	29	29	40	43	38	42	24	16
100	27	21	31	27	24	20	9	7	33	27	35	33	37	42	33	16
125	25	20	25	22	20	20	10	8	26	30	34	29	34	40	38	17
160	20	14	20	19	17	17	8	6	17	20	30	28	28	37	36	14
200	23	13	18	13	12	15	7	5	13	20	30	23	24	35	23	14
250	19	15	17	12	12	17	7	5	25	28	22	17	19	21	8	7
315	16	13	13	8	10	10	5	3	28	21	18	15	17	17	8	6