

# Flexible duct silencer

# AKUCOM



## Description

Inner duct wall of flexible, folded and perforated duct. The inner wall is covered with mineral wool insulation. The insulation is covered with an outer jacket. The insulation reduces the noise passing through the silencer. For best attenuation the silencer shall be pulled out to full length.

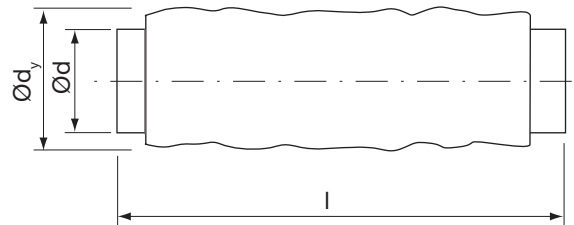
## Advantages

- Small storage and transport volume.
- The ends are equipped with female connectors for simple mounting and tighter connection.
- Saves installation time and material.

## Ordering example

	<b>AKUCOM</b>	<b>100</b>	<b>1200</b>	<b>25</b>
Product				
Dimension $\varnothing d$				
Length $l_{max}$				
Thickness				

## Dimensions

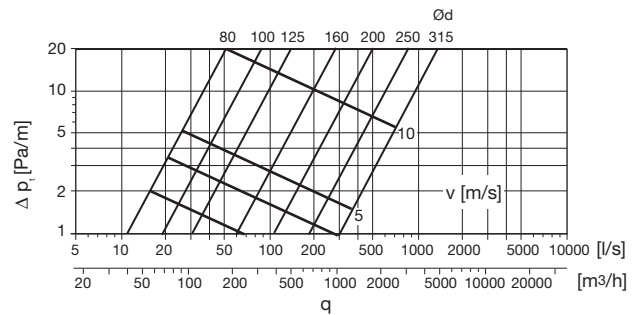


## Technical data

### Duct material:

inner wall (core)..... Perforated aluminium  
 insulation..... Mineral wool 25 mm  
 outer wall (jacket)..... Gray or white polyeten (PE)

### Specific pressure drop, straight silencer



## Sound attenuation, $\Delta L$ , [dB]

According to the EN ISO 7235 method. The silencer fully extended and straight.

$\varnothing d$ nom	$l_{min}$ mm	$l_{max}$ mm	Insertion loss [dB] for centre frequency [Hz]								$\varnothing d_y$ mm	m kg
			63	125	250	500	1k	2k	4k	8k		
80	250	600	20	23	32	33	29	34	16	10	130	0,45
80	550	1200	28	29	40	43	38	42	24	16	130	0,61
100	250	600	22	21	31	27	24	20	9	7	150	0,45
100	550	1200	28	27	35	33	37	42	33	16	150	0,74
125	250	600	22	20	25	22	20	20	10	8	175	0,56
125	550	1200	29	30	34	29	34	40	38	17	175	0,91
160	250	600	21	14	20	19	17	17	8	8	210	0,72
160	550	1200	26	20	30	28	28	37	36	14	210	1,13
200	250	600	15	13	18	13	12	15	7	5	250	0,94
200	550	1200	21	20	30	23	24	35	23	14	250	1,46
250	250	600	20	15	17	12	12	17	7	5	300	1,24
250	550	1200	31	28	22	17	19	21	8	7	300	1,76
315	250	600	18	13	13	8	10	10	5	3	365	1,46
315	550	1200	25	21	18	15	17	17	8	6	365	2,21

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