



## SONODEC 25 (insulated)

**Flexible duct**  
**Acoustic insulation, 25 mm**  
**Insulated**  
**LUCA C/ATC 3**

### Use

Air transport where vibrations have to be attenuated. Is used frequently in spiral ducts and diffusers.

### Application area

- Air-heating systems.
- Air-conditioning systems.
- Heat-recovery systems.
- Mechanical ventilation systems.
- Overflow ventilation.

### Characteristics

- Attenuation from low frequencies.
- Temperature: -25 °C to 90 °C.
- Airtightness class C in accordance with EN1751 (LUCA C)/ATC 3.

### Version

Inner duct consisting of perforated aluminium, with a steel laminated spiral. Insulated with 25 mm glass wool with a reinforced aluminium outer jacket. Insulated to length.

Preferred length 1000 mm. Lengths of 500 mm and 750 mm are also available. Different lengths are available in larger quantities.

### Available dimensions and sizes

model	D internal	L
Sonodec 25 100	100	1000
Sonodec 25 125	125	1000
Sonodec 25 150	150	1000
Sonodec 25 160	160	1000
Sonodec 25 180	180	1000
Sonodec 25 200	200	1000
Sonodec 25 250	250	1000
Sonodec 25 315	315	1000
Sonodec 25 355	355	1000
Sonodec 25 400	400	1000
Sonodec 25 100	100	500
Sonodec 25 125	125	500
Sonodec 25 150	150	500
Sonodec 25 160	160	500
Sonodec 25 180	180	500
Sonodec 25 200	200	500

### Note

- This flexible duct can be fitted quickly and easily with the Guso connector.
- The listed dimensions are in mm.

## Attenuation values

model	L	attenuation values						
		125	250	500	1000	2000	4000	Hz
100	1000	9	19	32	37	31	21	dB
	500	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
125	1000	12	20	21	25	29	17	dB
	500	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
150	1000	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
	500	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
160	1000	17	22	22	27	19	14	dB
	500	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
180	1000	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
	500	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
200	1000	7	15	17	20	16	13	dB
	500	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
250	1000	16	16	16	16	13	10	dB
315	1000	11	12	12	14	11	7	dB
355	1000	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
400	1000	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB

### Note

- The listed dimensions are in mm.

## Pressure loss

