



Sonodec 25/250

Flexible duct
Acoustic insulation, 25 mm
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.

Attenuation from low frequencies.

The Sonodec 25 has been approved for use in shipping. We can send a copy of the certificate on request.

Characteristics

- irtightness class C in accordance with EN1751 (LUCA C)/ATC 3.

Version

Internal duct consisting of perforated aluminium, with a steel laminate inner spiral. Insulated with 25 mm glass wool with a reinforced aluminium outer jacket.

Packaged in a box.

Sonodec 25: temperature -30 °C to 140 °C
 Sonodec 250: temperature -30 °C to 250 °C
 Length: 10 m

Available dimensions and sizes

model	D internal	model	D internal
Sonodec 25 100	100	Sonodec 250 80	80
Sonodec 25 125	125	Sonodec 250 100	100
Sonodec 25 133	133	Sonodec 250 125	125
Sonodec 25 150	150	Sonodec 250 150	150
Sonodec 25 160	160	Sonodec 250 160	160
Sonodec 25 180	180	Sonodec 250 180	180
Sonodec 25 200	200	Sonodec 250 200	200
Sonodec 25 224	224	Sonodec 250 224	224
Sonodec 25 250	250	Sonodec 250 250	250
Sonodec 25 300	300	Sonodec 250 300	300
Sonodec 25 315	315	Sonodec 250 315	315
Sonodec 25 355	355	Sonodec 250 355	355
Sonodec 25 400	400	Sonodec 250 400	400
Sonodec 25 450	450	Sonodec 250 450	450
Sonodec 25 500	500	Sonodec 250 500	500
		Sonodec 250 630	630

Note

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

Attenuation values

Sonodec 25

model	L	attenuation values						
		125	250	500	1k	2k	4k	Hz
80	1000	16	26	33	38	28	17	dB
	2000	21	37	48	53	46	29	dB
	3000	29	45	49	54	57	38	dB
100	1000	9	19	32	37	31	21	dB
	2000	19	33	52	53	49	36	dB
	3000	25	39	50	52	54	40	dB
125	1000	12	20	21	25	29	17	dB
	2000	17	31	44	45	46	26	dB
	3000	23	46	44	47	51	34	dB
160	1000	17	22	22	27	19	14	dB
	2000	31	39	34	38	31	20	dB
	3000	29	43	41	46	39	27	dB
200	1000	7	15	17	20	16	13	dB
	2000	20	34	32	35	30	22	dB
	3000	18	40	38	41	39	30	dB
250	1000	16	16	16	16	13	10	dB
	2000	26	31	28	33	25	18	dB
	3000	32	36	32	37	34	27	dB
315	1000	11	12	12	14	11	7	dB
	2000	28	25	22	27	22	15	dB
	3000	27	32	28	34	28	19	dB
450	1000	12	10	8	8	6	8	dB
	2000	20	17	15	16	13	12	dB
	3000	25	22	21	25	19	16	dB
500	1000	8	8	8	9	6	7	dB
	2000	20	17	16	17	11	11	dB
	3000	24	22	20	25	15	14	dB

Sonodec 250

model	L	attenuation values						
		125	250	500	1k	2k	4k	Hz
80	1000	16	25	34	38	30	20	dB
	2000	22	37	48	54	46	30	dB
	3000	30	43	41	43	55	43	dB
100	1000	11	25	31	36	23	15	dB
	2000	17	31	51	50	38	26	dB
	3000	20	44	51	52	51	33	dB
125	1000	11	19	23	27	25	19	dB
	2000	17	31	43	43	35	22	dB
	3000	21	40	45	48	47	27	dB
160	1000	15	26	22	27	18	13	dB
	2000	22	38	35	39	29	20	dB
	3000	33	43	39	43	39	27	dB
200	1000	6	13	15	18	11	10	dB
	2000	15	31	32	38	21	18	dB
	3000	16	36	40	42	28	24	dB
250	1000	9	11	12	10	7	11	dB
	2000	21	24	24	22	13	15	dB
	3000	29	33	31	30	19	24	dB
315	1000	8	8	8	7	6	8	dB
	2000	16	15	14	13	9	13	dB
	3000	23	23	21	19	12	17	dB
450	1000	8	8	6	6	5	7	dB
	2000	18	15	14	12	8	10	dB
	3000	24	21	20	18	11	15	dB
500	1000	7	8	7	7	6	7	dB
	2000	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB
	3000	e.g.	e.g.	e.g.	e.g.	e.g.	e.g.	dB

Note

- The listed dimensions are in mm.

Pressure loss

