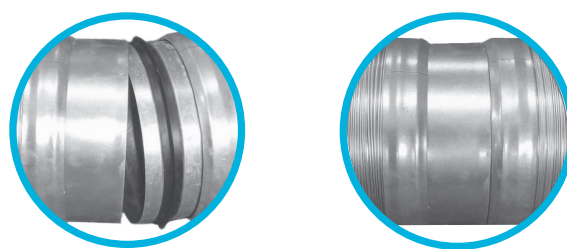


SCD flexible silencer



The SCD is a flexible silencer consists of a Polypropylene fabric cloth inner duct and provided with an aluminium/ polyester laminated outer jacket. The space between the inner and outer duct is filled with 25 mm or 50 mm sound absorbing material. The inner duct is hydrophobic. The duct is standard fitted with galvanized metal sleeves at one end and a connection nipple at the other end to fit to any rigid ductwork or appliance instantly.

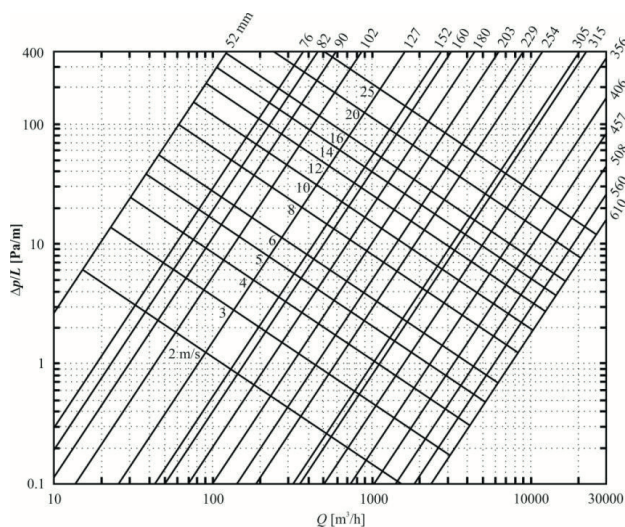
- High flexibility
- Great sound insulation values
- Hydrophobic inner duct
- Sound absorbing material
- Fits to any rigid duct system



Technical data

SCD sound attenuator	
Inner duct	Non-woven Polypropylene fabric cloth
Glass wool blanket	25 or 50 mm mineral wool / fleece
Outer jacket	Alu / poly laminate
Connection	One side socket, one side nipple
Connection	Galvanized metal
Fire protection class	Bs1 (EN13501-1)
Temperature range	°C -30 to +140
Work pressure	Pa Max. 2000
Air velocity	m/s Max. 10
Length	m 1,0 (without socket and nipple)
Bend radius	1 x Ø + 25 or 50 mm

Pressure loss



Sound insulation

Non-woven ins. 25 or 50 mm

SCD	Insulation	Item no.	D (mm)	L (m)	medium frequency range Hz								Tot (dB)
					63	125	250	500	1000	2000	4000	8000	
80	25 mm	2554	80	1	13,6	22,4	40,2	38,7	36,5	41,3	51,6	45,8	39
100	25 mm	2555	100	1	15,9	22,9	31,1	38,6	36,4	40,6	50,1	35,9	39
125	25 mm	2556	125	1	11,7	18,9	32,4	29,9	28,8	34,5	40,9	24,5	32
150	25 mm	2557	150	1	12,2	10,9	29,7	30,1	29	38,3	34,6	20,4	32
160	25 mm	2558	160	1	19,3	25,4	30,5	27,1	23,8	32,2	27,8	17,3	28
200	25 mm	2560	200	1	10,7	12,1	28,7	22,8	22,8	30,6	19,4	11,9	26
250	25 mm	2561	250	1	12,9	18,7	24,3	19,5	19,9	27,7	12,9	10,2	22
315	25 mm	2562	315	1	16,6	23,2	18	15,2	16,5	19,6	10,1	8,5	17
100	50 mm	84330	100	1	4,3	8,5	15,5	28,2	50,8	51	57,8	38,5	30
125	50 mm	84331	125	1	17,7	26,3	35,4	29,2	33,3	45,4	40,5	26,5	35
160	50 mm	84332	160	1	16,5	24,1	30,6	27,5	29,6	41,7	28,7	18,1	32
200	50 mm	84333	200	1	6,5	6,3	21,1	27,1	30,5	35,8	19,4	12,3	29