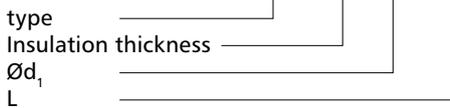


Round silencers SIL-GL/SI-GL



Product code examples

Product code: **SIL-GL - iii - aaa - bbb**



Description

The SI-GL silencers are not provided with gaskets. The SIL-GL silencers are delivered with the SPIRAL® system seals. The SIL-GL and SI-GL silencers have permanently fixed covers, which are not removable. Glass wool thickness inside the silencer:

25 mm for SIL-GL-25 / SI-GL-25 - depends on the outer cladding size.

50 mm for SIL-GL-50 / SI-GL-50 - depends on the outer cladding size.

100 mm for SIL-GL-100 / SI-GL-100 - depends on the outer cladding size.

Insulation:

Insulation material: mineral wool

Available materials - Product code examples

- SIL-...-...-... - galvanized steel sheet
- SIL-K-...-...-... - 1.4301/304 stainless steel sheet
- SIL-K-...-...-...-316L - 1.4404/316L stainless steel sheet
- SIL-A-...-...-... - aluminium sheet
- SIL-CU-...-...-... - copper sheet
- SIL-ZM-...-...-... - ZM310 coating (only up to a diameter of $\text{Ød1} = 500\text{mm}$)
- SIL-GL-AF-...-...-... - AIRFELT® sound insulation made of recycled PET fibres

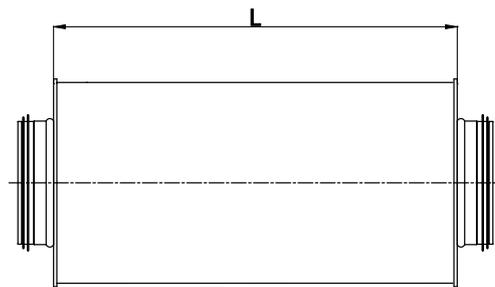
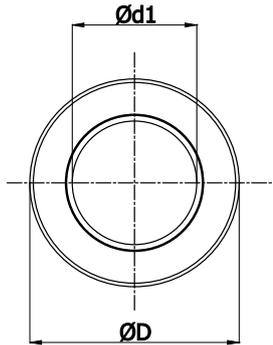
Polyester insulation properties:

- Airfelt insulation from recycled PET polyester fibres
- Working temperature: $-30 + 80^\circ\text{C}$
- Thermal conductivity 0.038 W / mK
- Reaction to fire class: **B-s1, d0** according to EN 13501-1
- Can be cleaned with water, product not affected by humidity
- Meets the requirements of REACH
- Does not contain formaldehyde, pentachlorophenol

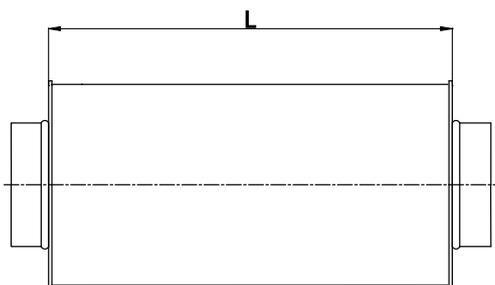
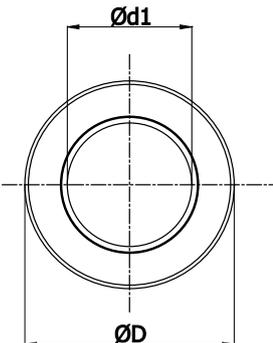


Dimensions

SIL-GL



SI-GL



Round silencers

SIL-GL/SI-GL

Dimensions

SIL-GL-25 / SI-GL-25 - 25 mm insulation

Description	Ød _{nom} [mm]	D _{nom} [mm]	L [mm]	Sound insulation [dB] at frequency [Hz]								Weight [kg]
				125	250	500	1000	2000	4000	8000		
SIL-GL 100-300	100	150	300	0,5	3,7	7,3	13,9	21,3	13,5	6,8	1,1	
125-300	125	180	300	1,7	3,5	5,5	12,1	17,1	7,8	4,0	1,5	
160-300	160	224	300	1,6	2,8	5,1	13,0	12,3	5,4	2,0	1,7	

SIL-GL-50 / SI-GL-50 - 50 mm insulation

Description	Ød _{nom} [mm]	D _{nom} [mm]	L [mm]	Sound insulation [dB] at frequency [Hz]								Weight [kg]
				125	250	500	1000	2000	4000	8000		
SIL-GL 080-300	80	180	300	6	15	29	45	50	26	28	2	
080-500	80	180	500	9	18	32	48	53	29	31	3	
080-600	80	180	600	11	19	33	49	54	30	32	3	
080-900	80	180	900	13	22	36	52	57	33	35	5	
080-1000	80	180	1000	14	23	37	53	58	34	36	6	
SIL-GL 100-300	100	200	300	5	13	26	41	44	22	24	2	
100-500	100	200	500	8	16	29	44	47	26	27	3	
100-600	100	200	600	9	17	30	45	49	27	29	3	
100-900	100	200	900	12	19	32	48	51	29	31	5	
100-1000	100	200	1000	13	21	34	49	52	30	32	6	
SIL-GL 125-300	125	224	300	4	11	22	37	41	19	21	3	
125-500	125	224	500	7	14	26	40	44	22	24	4	
125-600	125	224	600	8	15	27	41	45	24	25	4	
125-900	125	224	900	11	18	29	44	47	26	28	7	
125-1000	125	224	1000	12	19	31	45	49	27	29	7	
SIL-GL 160-300	160	250	300	3	9	20	33	35	16	18	3	
160-500	160	250	500	6	12	23	36	38	19	21	5	
160-600	160	250	600	7	14	24	37	39	21	22	6	
160-900	160	250	900	10	16	26	40	42	23	25	8	
160-1000	160	250	1000	11	17	28	41	43	24	26	8	
SIL-GL 200-300	200	315	300	2	7	16	31	31	15	16	4	
200-500	200	315	500	5	10	19	34	34	18	19	6	
200-600	200	315	600	6	11	20	35	35	19	20	7	
200-900	200	315	900	8	13	23	38	38	22	23	10	
200-1000	200	315	1000	9	15	24	39	39	23	24	11	
SIL-GL 250-500	250	355	500	4	9	18	29	27	15	16	9	
250-600	250	355	600	5	11	19	30	28	16	18	11	
250-900	250	355	900	8	13	22	33	31	19	20	14	
250-1000	250	355	1000	9	14	23	33	32	20	21	12	
SIL-GL 315-500	315	400	500	4	7	14	23	21	13	14	11	
315-600	315	400	600	5	8	16	25	19	14	15	12	
315-900	315	400	900	7	11	18	28	21	17	18	16	
315-1000	315	400	1000	8	12	19	28	22	18	19	16	