

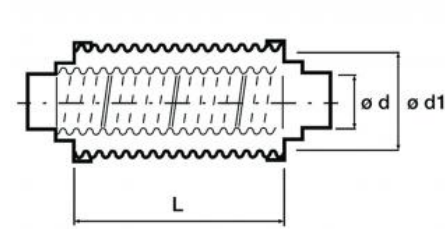
# ESSO Circular silencers without ogive

## Description

Aluminium circular silencers with high-density glass wool insulation without central ogive.

## Characteristics

Perforated aluminium inner pipe.  
High density glass wool insulation, non-flammable according to the DIN 4102 Standard, with abrasion-proof surface treatment.  
Insulation thickness 25 or 50 mm.  
ALUFLEX aluminium external pipe.



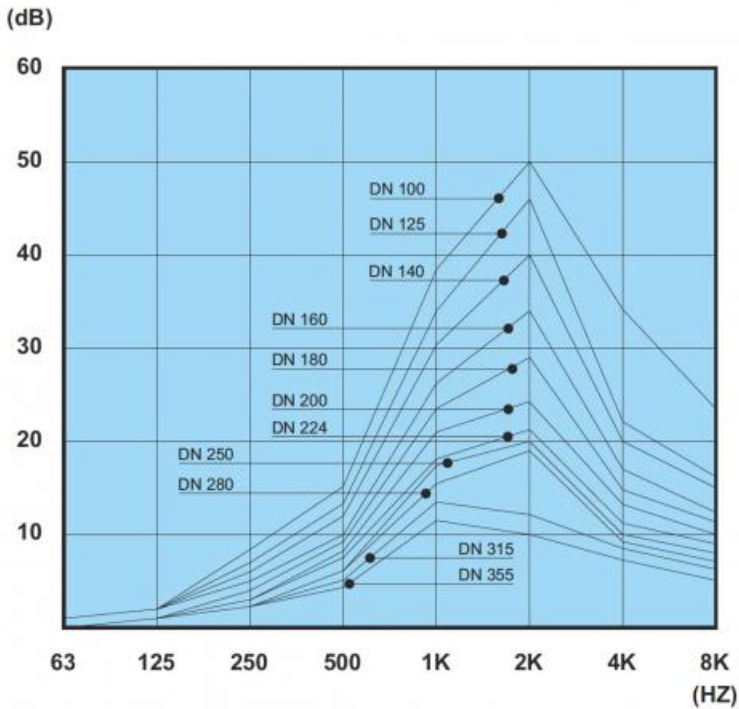
## Pressure drops

Pa/m: pressure drop in Pa per metre.

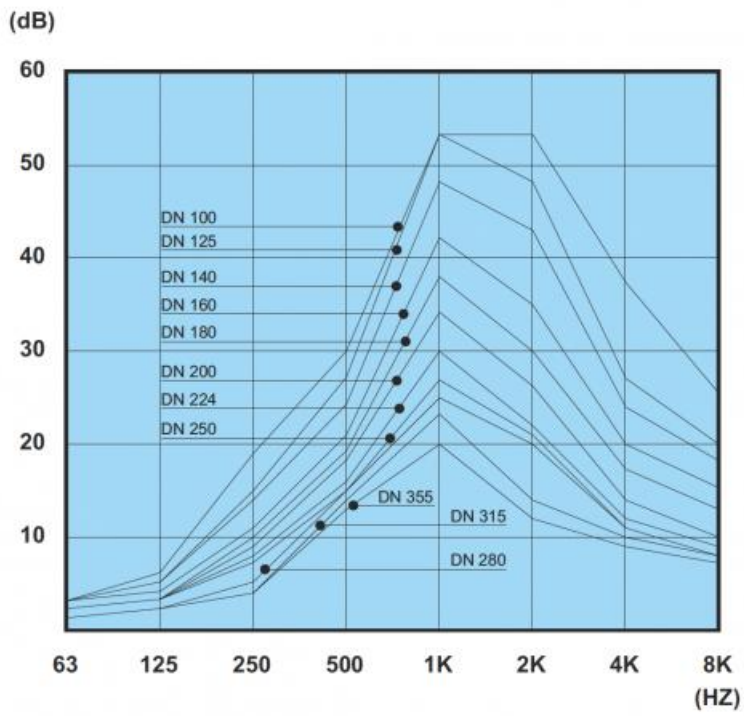
Model	Air flow m <sup>3</sup> /h											Pa/m
	20	30	50	100	200	300	500	1000	2000	3000	5000	
80	0,6	0,9	2,3	5,6	30	70						
100	0,2	0,3	0,7	2,5	10	23	60					
125			0,3	1	3,5	8	20	80				
140				0,5	1,7	4	13	40				
150				0,4	1,3	3	8	30				
160				0,3	1	2,4	6,5	22	80			
180					0,6	1,2	3,2	13	50			
200					0,4	0,9	2,3	9	30	70		
250						0,3	0,9	2,9	12	22	60	
280							0,4	1,7	6	14	35	
300								0,3	1,2	4	9	22
315								0,2	0,9	3,2	8	20
355									0,6	2,2	5	12

## Sound attenuation

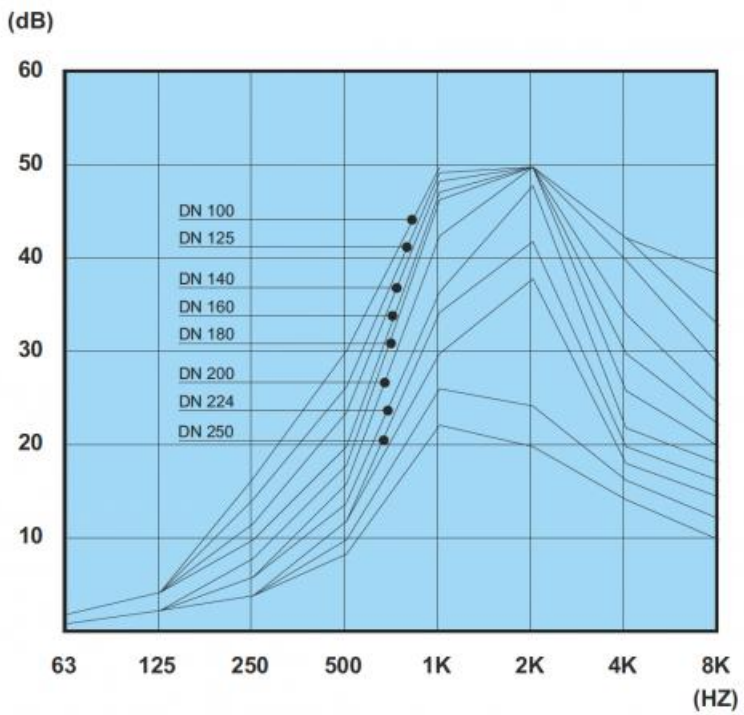
Silencer length 1000 mm thickness 25 mm.



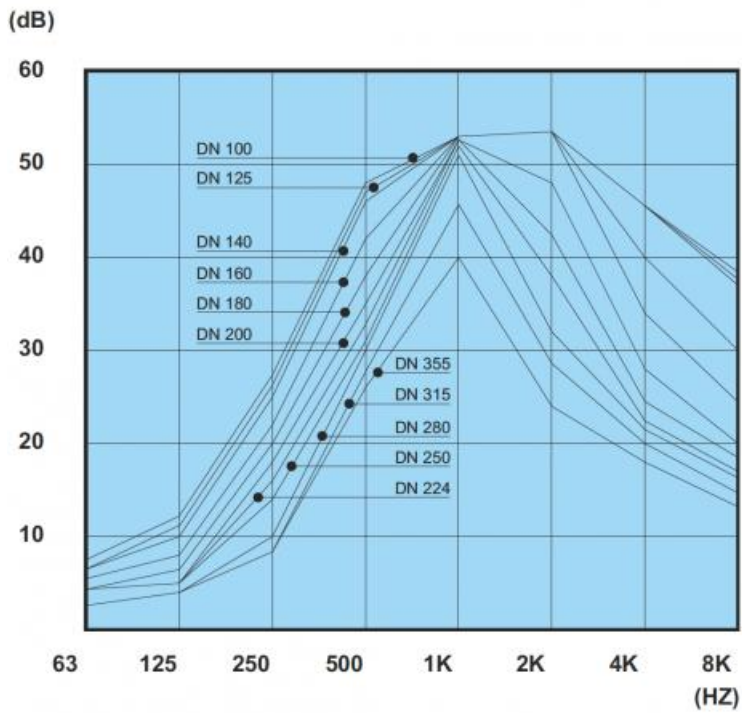
Silencer length 1000 mm thickness 50 mm.



Silencer length 2000 mm thickness 25 mm.



Silencer length 2000 mm thickness 50 mm.



### Dimensions and price list

all dimensions are expressed in mm

Item normally available from stock									
thickness 25		length L			thickness 50		length L		
d	d1	500	1000	2000	d	d1	500	1000	2000
		euro	euro	euro			euro	euro	euro
80	125	44,02	61,35	95,25	80	180	65,27	88,80	137,37
100	150	52,12	72,73	114,60	100	200	71,85	99,80	155,84
125	180	61,98	84,75	134,59	125	224	82,09	114,10	178,10
140	200	62,36	89,05	144,08	140	250	87,66	121,56	189,36
150	200	66,54	95,00	153,94	150	250	93,10	129,28	200,87
160	200	69,70	99,17	158,62	160	250	95,00	130,67	205,17
180	224	81,21	114,22	182,91	180	280	104,74	147,11	231,86
200	250	87,41	124,34	200,37	200	300	114,86	160,52	253,37
250	300	105,75	152,05	244,89	250	355	118,90	167,73	278,54
280	355	107,90	154,20	251,34	280	400	121,94	182,66	306,11
300	355	109,42	155,97	262,85	300	400	124,47	188,73	315,22
315	355	112,71	159,13	269,68	315	400	127,38	191,51	320,79
355	400	116,75	176,71	298,90	355	450	139,90	212,76	358,23