

ELACIN Compact FlexComfort

The standard version of the ELACIN Compact FlexComfort is made from transparent silicone material. It is ELACIN's best-selling custom-made hearing protector, offering the ideal combination of maximum wearing comfort and optimal protection against noise.

This compact hearing protector is fitted with a little grip to ease insertion and removal. This grip is automatically pre-shaped during the production process so that its size and shape is exactly the same for every Compact FlexComfort. The size of the grip cannot be increased after it has gone through the production process, but it can be made smaller.

The Compact FlexComfort lies entirely inside the ear shell, making it practically invisible and eliminating the risk of knocking it.

The Compact FlexComfort is supplied with a cord and shirt clip as standard.

MATERIAL

The Compact FlexComfort is made of silicone material, with a degree of hardness of 60 Shore.

CHOICE OF FILTERS

Depending on the noise level, there is a choice of four different ELACIN filters:

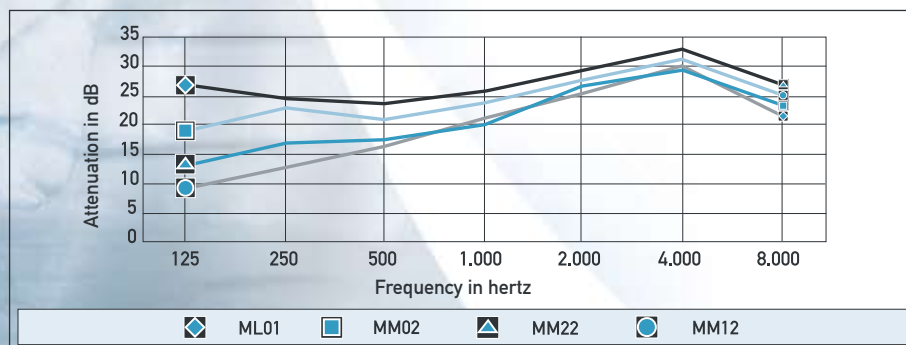
- MM12 filter (beige)
- MM22 filter (grey)
- MMo2 filter (brown)
- MMo1 filter (black)

ATTENUATION CHARACTERISTICS

Below you will find the attenuation characteristics and graphics of the ELACIN Compact FlexComfort.

Freq.	: frequency in hertz
H	: high frequency attenuation (f > 2000 Hz)
M	: medium attenuation frequency (f > 500 and f < 2000 Hz)
L	: low attenuation frequency (f < 500 Hz)
SNR	: Single Number Rating, to be deducted from C-weighted noise level
Mf in dB	: average attenuation characteristics at given frequency f
S _f in dB	: standard deviation at given frequency f
APV _f in dB	: assumed Protection Value (M _f - 1x S _f) in dB, at given frequency f

APV _f (dB)	Freq. (Hz)	125	250	500	1000	2000	4000	8000	H	M	L	SNR
		MM 12	9,5	11,7	16,3	21,5	25,7	29,9	23,6	26	20	14
MM 22	13,0	16,4	17,2	20,2	26,4	29,6	24,7	26	20	17	24	
MM o2	18,9	21,8	20,8	24,6	26,8	31,8	25,9	27	24	22	27	
ML o1	26,1	24,2	23,5	25,4	28,5	32,6	25,8	28	26	25	28	



ELACIN COMPACT FLEXCOMFORT

COLOUR

The standard version of the Compact FlexComfort is supplied in a transparent colour.

At an additional charge, this hearing protector is also available in beige, blue, yellow, red and black.

ADDITIONAL

As an added extra, the Compact FlexComfort can also be fitted with a detection ball, making it suitable for use in the food industry. A detection ball is always supplied in combination with a detectable cord.

SUITABLE FOR USE IN:

- industrial environments
- the food industry

BENEFITS

- Custom-made: perfect fit every time
- Soft and very light material
- Optimum protection
- Causes no problems if worn for a long time
- Almost invisible in the ear
- No feeling of pressure in the ears
- Speech and surrounding noises remain perceptible
- Safe and comfortable
- Choice of filter depends on level of noise
- Ventilation of the auditory canal
- Quick and easy to clean
- Optionally available with a metal detection ball (e.g. for the food industry)

