

## Elacin CH

The Elacin CH is made of transparent silicone material and offers the ideal combination of maximum comfort and optimal protection against noise.

The Elacin CH is a compact hearing protector with a small handgrip, which makes it easy to fit and remove it from the hearing canal.

This grip is automatically pre-shaped during the production process so that its size and shape is exactly the same for every CH hearing protector.



The Elacin CH lies entirely inside the ear shell, making it discrete and eliminating the risk of knocking it.

### Optional

The Elacin CH may also be provided as a metal detectable version including metal detectable cord, e.g. for use in the food industry.

### Material + Colour

The Elacin CH is manufactured from soft FlexFit material (hardness 60 shore) in clear or green transparent and comes with a cord and shirt clip. Another colour is also possible. At an additional cost, the CH can be delivered in the colours red, blue, yellow, black and aqua.

### Filters

There is a choice of 4 filter types, depending on the noise level:

- Elacin CH30 filter<sup>\*)</sup> (black)
- Elacin CH28 filter (blue)
- Elacin CH26 filter (grey)
- Elacin CH25 filter (white)

*\*) With a diameter of 1 mm, the CH30 filter differs from the other CH filters (diameter 2,3 mm).*

*As a consequence this filter is not interchangeable with the other CH filters. Furthermore Elacin CH30 hearing protectors are only available in the colours transparent, green transparent and aqua.*

### Application of use

- Environments with high noise levels

### Suitable for use in

- Industrial environments
- Food industry

### Benefits

- Custom-made; perfect fit
- Soft and very light
- Optimal protection
- Comfortable when worn for a long-time-period
- Nearly invisible in the ear
- No pressure in or on the hearing canal
- Ambient sounds remain audible
- Safe and comfortable
- Choice of filter depending on the noise level
- Ventilation of the hearing canal
- Easy to clean
- Possibility of a metal ball for detection and - cord (e.g. in the food industry)

### Attenuation values

	f in Hz	125	250	500	1000	2000	4000	8000	H	M	L	SNR
APV [dB]	Elacin CH30	25,3	23,6	25,9	24,8	31,1	36,8	38,8	31	27	25	30
	Elacin CH28	23,8	23,0	24,4	22,4	32,1	29,6	34,4	29	24	24	28
	Elacin CH26	15,1	17,6	20,6	22,9	28,5	34,0	28,1	28	23	20	26
	Elacin CH25	14,4	17,4	19,0	21,0	27,4	32,9	28,3	27	22	19	25
Mean [dB]	Elacin CH30	29,1	27,5	29,6	28,3	34,0	40,2	44,0				
	Elacin CH28	28,5	26,6	27,7	26,0	34,7	33,4	39,7				
	Elacin CH26	19,4	20,9	23,8	26,2	31,3	36,5	32,8				
	Elacin CH25	17,9	19,7	21,9	24,6	30,7	35,0	32,1				
Stdev. [dB]	Elacin CH30	3,8	3,9	3,7	3,5	2,9	3,4	5,6				
	Elacin CH28	4,7	3,6	3,3	3,6	2,6	3,8	5,3				
	Elacin CH26	4,3	3,3	3,2	3,3	2,8	2,5	4,7				
	Elacin CH25	3,5	2,3	2,9	3,6	3,3	2,1	3,8				

### Attenuation curve

#### Elacin CH

