

## Elacin RC acrylic - *Next Generation*

The Elacin RC acrylic is a compact hearing protector with a small handgrip, which makes it easy to fit the protector and remove it from the hearing canal. This compact custom-made hearing protector is made of a hard material (acrylic) and is used primarily in automotive industry in designated areas where silicone is prohibited. It can also provide a solution for extremely narrow auditory canals or in case of a personal allergy to medical grade silicone. The Elacin RC acrylic with flat attenuation is now also available for high noise levels.



### Material

The Elacin RC acrylic is made from medically approved hard (acrylic) material and is always delivered with a cord and shirt clip.

### Detectable

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

### Couleur

L'Elacin RC acrylic est fabriqué à partir d'un matériau incolore et transparent. En option, la protection RC est disponible en bleu.

### Noise filter – Elacin RC acrylic - *Next Generation*

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

- Elacin RC-17 filter
- Elacin RC-21 filter
- Elacin RC-25 filter
- Elacin RC-29 filter



### Application of use

- + Industrial environments
- + Printing
- + Construction
- + Transport
- + Call centers

### Suitable for use in

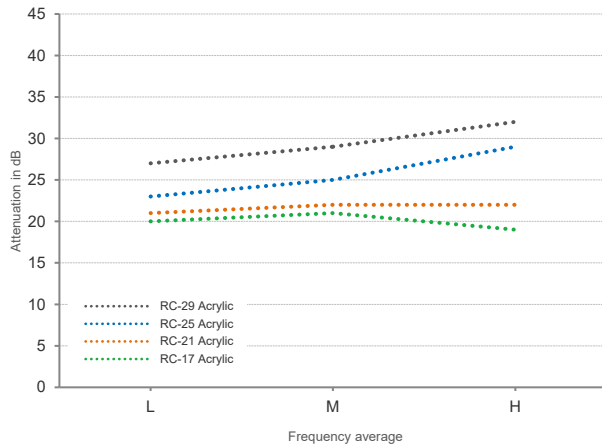
- + Where speech intelligibility, work sound and warning signal perception are important
- + Environments with harmful noise levels – even the high ones

### Benefits

- + Even flatter attenuation
- + Very high speech intelligibility and perception of warning signals
- + Improved acceptance and willingness to wear
- + Acoustical and physical wearing comfort

### Attenuation curve

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### Attenuation values | Following EN352-2

Filter	L	M	H	SNR
Elacin RC-17 acrylic	20	21	19	21
Elacin RC-21 acrylic	21	22	22	23
Elacin RC-25 acrylic	23	25	29	28
Elacin RC-29 acrylic	27	29	32	32

### Positiv-Liste - Approved:

Product	SVW-qualifications				
Elacin RC-17	E1	S	V	W	X
Elacin RC-21	E1	S	V	W	X
Elacin RC-25	E1	S	V	W	X
Elacin RC-29	E1	S	V	W	X



#### Positiv-Liste - Approved:

- E1** Signal hearing (e.g. Train operator)
- S** Signal hearing along the track
- V** Street traffic
- W** Warning signals
- X** Extreme flat attenuation, ideal for musicians and persons with slight hearing loss