



Elacin RC - *Next Generation*

Good communication on the work floor is often a challenge in environments with high noise levels. With the new generation RC, Elacin brings its customized hearing protection to an even higher level. Its optimal attenuation greatly improves speech intelligibility and makes warning signals even more apparent. Employees are therefore extremely motivated to wear Elacin RC hearing protectors during a working day without interruption.

Comfort

As you are used to from Elacin, the new RC generation is also custom-made from medically classified soft silicone material offering the user optimum wearing comfort. In addition to the standard transparent or aqua version, the new RC is also available in red, blue, yellow, black or transparent green. An easy to apply cord with shirt clip is included.

Optimal speech intelligibility

The new Elacin RC ensures even flatter attenuation. This guarantees optimal speech intelligibility and makes the RC the recommended hearing protector for work in (industrial) environments with a wide variety of noise levels. With this latest generation of hearing protection, Elacin offers users enhanced and continuous safety in the work place.

What can you expect of Elacin RC?

- + Elacin RC improves speech intelligibility and detection of warning signals.
- + Elacin RC is made of soft silicone which ensures optimal wearing comfort and protection during the (working) day.
- + Elacin RC is a high-quality alternative to the familiar Elacin CH and all other hearing protection for higher sound levels.

The Elacin RC range can be delivered with different moulds tailored for a variety of situations.

- **Elacin RC:** with integrated grip for easy insertion and removal.
- **Elacin RC minigrip:** is provided with an O-ring for comfort underneath a helmet or earmuffs.
- **Elacin RC no grip** (without grip): is designed for maximum discretion, for example for people with regular customer contact, e.g. on board an aircraft, in a call center or in the catering industry.
- **Elacin RC acrylic:** made of sturdy, durable acrylic. Used when silicone is prohibited.

Detectable: the Elacin RC is also available in blue with a metal ball and -cord for detection, for example for use in the

Noise filter – Elacin RC - *Next Generation*

There is a choice of 8 filters, depending on the noise level:

- Elacin RC-15 filter
- Elacin RC-17 filter
- Elacin RC-19 filter
- Elacin RC-21 filter
- Elacin RC-23 filter
- Elacin RC-25 filter
- Elacin RC-27 filter
- Elacin RC-29 filter



* The RC-29 filter is not interchangeable with any of the other RC filters due to a different size.

Application of use

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

Suitable for use in

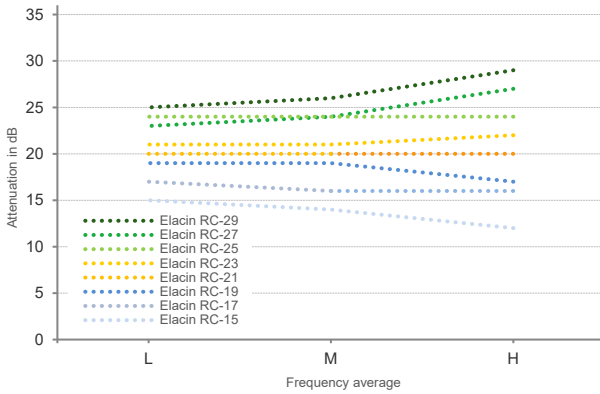
- + Where speech intelligibility, work sound and warning signal perception are important
- + Environments with harmful noise levels – even the high ones

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 (EN352-2)

Filter	L	M	H	SNR
Elacin RC-15	15	14	12	15
Elacin RC-17	17	16	16	17
Elacin RC-19	19	19	17	19
Elacin RC-21	20	20	20	21
Elacin RC-23	21	21	22	23
Elacin RC-25	24	24	24	25
Elacin RC-27	23	24	27	27
Elacin RC-29	25	26	29	29

* When placing the RC-15 filter in the ear-plug, the requirement for minimum sound insulation is not in accordance with EN 352-2. Earplugs with this filter are not hearing protection according to EU 2016/425

Positiv-Liste - Approved:

Product	SVW-qualifications				
	E1	S	-	W	X
Elacin RC-15	E1	S	-	W	X
Elacin RC-17	E1	S	V	W	X
Elacin RC-19	E1	S	V	W	X
Elacin RC-21	E1	S	V	W	X
Elacin RC-23	E1	S	V	W	X
Elacin RC-25	E1	S	V	W	X
Elacin RC-27	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