

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 ensures 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 (O-ring)** for comfort underneath a helmet or earmuffs.
- **Elacin RC no grip** designed for optimal discretion, for example, for people with regular customer contact aboard an aircraft, in call centres or in the catering industry.

Filters RC next generation

There is a choice of 2 filters, depending on the noise level:

- Elacin RC-23 filter
- Elacin RC-21 filter

Suitable for use in

- Industrial environments
- Printing
- Construction
- Transport
- Call centres

Application of use

- Where speech intelligibility, work sound and warning signal perception are important
- Environments with (limited) harmful noise levels

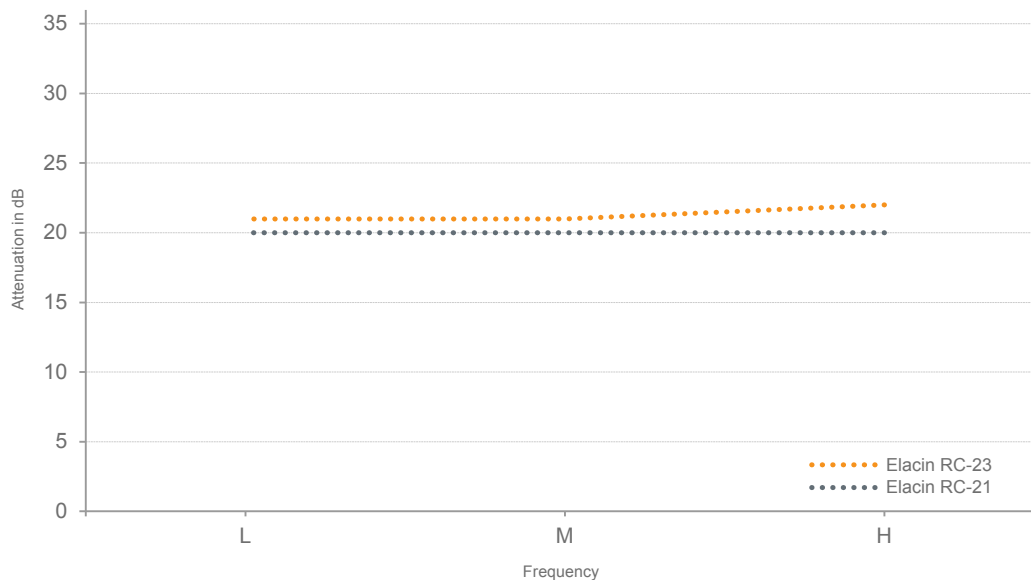


Benefits

- Less acoustical isolation for the wearer
- Very high speech intelligibility
- Very good work sound and warning signal perception
- Improved acceptance and willingness to wear
- No need for removal during communication
- High acoustical and physical wearing comfort
- More alertness to the direct environment
- Discreet in the ear
- Intuitive to insert and remove through an ergonomic grip
- Does not protrude (no risk of hitting objects) and is nearly invisible
- Soft and very lightweight
- Perfect fit for long-term use
- Continued ventilation of the ear canal
- Choice of filters depending on the noise level
- Easy to clean
- Available with metal detectable cord and - ball (e.g. for food industry)

Attenuation curve

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Attenuation values

		f in Hz	125	250	500	1000	2000	4000	8000	L	M	H	SNR
Elacin RC-23	APVf [dB]		22,4	20,1	20,5	19,5	27,9	21,3	18,9	21	21	22	23
Elacin RC-21			21,8	19,7	19	20,6	21,5	22,4	15,9	20	20	20	21
		f in Hz	125	250	500	1000	2000	4000	8000				
Elacin RC-23	Mf [dB]		27,0	24,3	25,4	24,9	32,3	25,3	23,8				
Elacin RC-21			25,2	23,2	22,8	23,3	25,8	24,5	18,5				
		f in Hz	125	250	500	1000	2000	4000	8000				
Elacin RC-23	Sf [dB]		4,6	4,2	4,9	5,4	4,4	4,0	4,9				
Elacin RC-21			3,4	3,5	3,8	2,7	4,3	2,1	2,6				