EXINORE Q-Sound

Specifically intended for

- People who are sensitive to loud noises
- Visitors to bars and restaurants
- Visitors to sports and other events

The most unique feature of the Q-Sound is that this hearing protector suppresses just as much as it needs to and certainly no more. Because excessive attenuation is just as irritating as too little. This makes the Q-Sound unsurpassed. All sounds remain audible, just a little softer. The Q-Sound has a grip to ease insertion and removal.

Choice of filter

The secret of the Q-Sound is its unique RC filter, which ensures that sound is hardly distorted at all. People can carry on a conversation as normal without having to remove their hearing protectors. Sounds coming from the surrounding area (music, for example) and warning signals remain audible.

The air-permeable filter ensures that the auditory canal is well ventilated. People who wear this hearing protection will certainly not feel isolated from those around them and neither will they suffer from a feeling of 'pressure' in their auditory canal. An often-heard reaction is: "You hardly know you've got them in!"

Colour

The standard version of the EXINORE Q-Sound is supplied in a transparent colour. It is however also available in beige, blue, yellow, red and black at an additional charge.

Material

The EXINORE Q-Sound is made from silicone material, with a degree of hardness of 60 Shore.

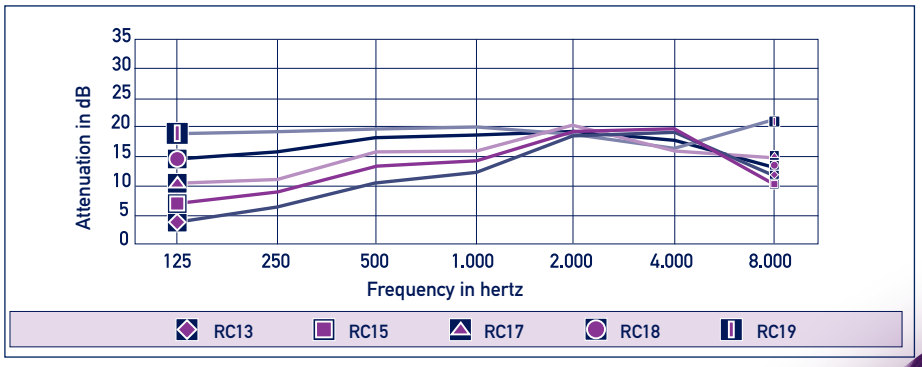
Benefits

- Custom-made, so fits perfectly
- Optimal protection
- Made from soft and light-weight material
- Easy to insert and remove
- Safe and comfortable
- Ventilation of the auditory canal
- No feeling of pressure in the ears
- Quick and easy to clean
- Communication remains possible
- No distortion of sound from the surrounding area

EXINORE Hearing protection

Attenuation Characteristics

Below you will find the attenuation characteristics and graphics of the EXINORE Q-Sound.

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
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
RC 13	4,1	6,7	10,8	12,8	18,1	19,3	12,8	17	13	9	15
RC 15	7,3	9,6	13,7	14,4	19,7	19,6	12,3	17	15	12	17
RC 17	9,5	12,0	16,7	16,7	20,6	16,4	14,3	17	17	14	18
RC 18	14,4	16,0	17,8	18,3	19,1	18,6	14,0	17	18	17	19
RC 19	19,0	19,2	19,7	20,0	19,4	16,4	22,3	18	19	19	20