



MOTORSPORT

NoNoise Earplugs – Patented Ceramic Filtration Technology

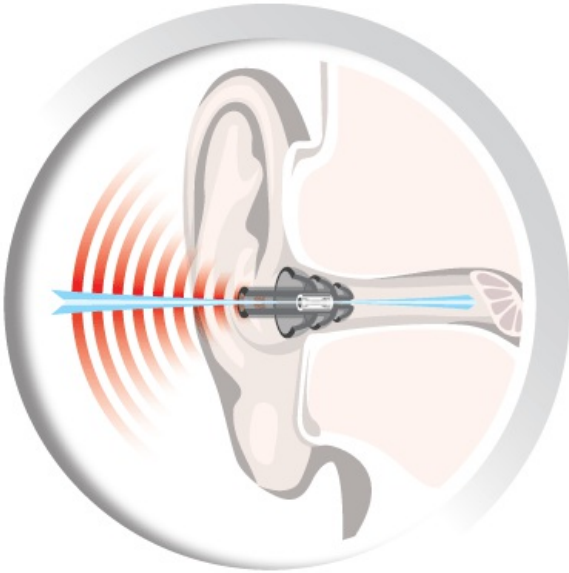
The most advanced universal-fit hearing defence ever

- ✓ **Precision noise filtration. Hear what you want, not what you don't.**
It's all very well trying to block out all sound – but sometimes you still need to be able to hear conversation, the cry of a baby, a car horn etc. NoNoise's patented precision-tuning means you can reduce the noises you don't want to hear, but keep those that you do. And because our filters are formed with the Venturi-shaped sound channel, from high grade ceramic material (zirconium oxide) at 2,715°C, the internal aperture surface is perfectly smooth. This results in more precise sound attenuation than with plastic (PE) filters which leave a rough, uneven channel surface.
- ✓ **No muffling effect - no "blocked ear" feeling with NoNoise products.**
Traditional ear plugs leave your hearing feeling blocked and unnatural. This muffling or occlusion can be disturbing over long periods and can even affect our balance and physical judgement. We have engineered this effect out of NoNoise Hearing Protectors, for ultimate comfort and practicality.
- ✓ **Silicone-free construction.**
Many people have health concerns over the use of silicone (medical grade or otherwise), so we offer a silicone-free construction – particularly appreciated by those who wear their Hearing Protectors regularly.
- ✓ **Comfortable & re-usable.**
Unique thermoplastic outer construction gives a feeling of supreme softness and comfort, even when you are sleeping with NoNoise Hearing Protectors or wearing them for extended periods. And with no muffling effect you will barely notice you are wearing them.
- ✓ **More than 20 years of experience - we know what we are doing.**
NoNoise Hearing Protectors have been developed by leading audiologists and hearing technicians in the Netherlands over 20 years. We are very experienced with designing and producing professional custom-fit hearing protectors. Our experience and unique technology means that you are in safe hands when it comes to protecting your valuable hearing.
- ✓ **Rigorous production quality standards.**
NoNoise production quality standards exceed the European Standard EN352-2; production is independently certified to ISO 9001:2008.
- ✓ **Independently tested and approved in Germany.**
Unlike many manufacturers, we are proud to share our test results and use an internationally recognised independent German testing institute.
- ✓ **Affordable pricing.**
We are able to offer such low prices because we share our patented ceramic filter technology with our professional custom-fit protectors – which means we can pass on our production savings to you. Without the enormous investments we have made in research and precision machinery over many years, this would simply not be possible.



Proven Performance

Unique design for optimum safety



NoNoise has developed the first and only universal-fitting hearing protector that makes it possible to wear a precision sound filter deep in the ear canal. The result of this is that the maximum amount of sound waves is first filtered before they reach your hearing.

This revolutionary development ensures optimum sound attenuation and helps to stop harmful sound waves around the outside of the filter.

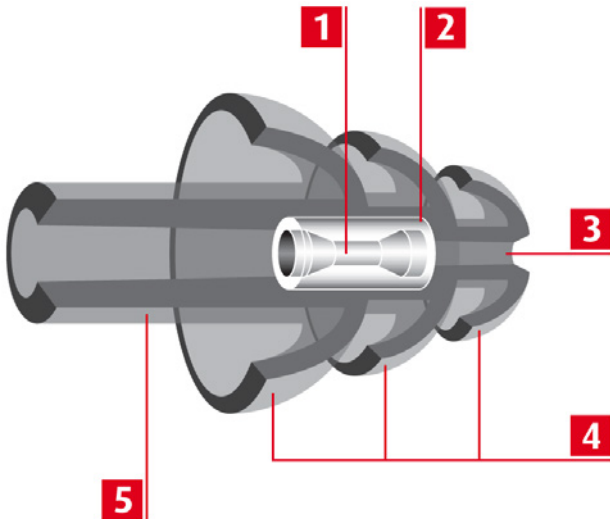
With NoNoise precision filters, sounds do not sound dull and you have no "clogged ears" effect, as is often the case with other hearing protectors. The patented ceramic filter ensures that you can hear normal conversation and background noise - you hardly notice that you are wearing hearing protection.

Highest accuracy

The patented NoNoise sound filters are made from a special ceramic material using zirconium oxide. This happens at temperatures above 2700°C in a strictly controlled environment, because the quality of this high-tech ceramic material is extremely important for the accuracy of the intended noise reduction.

The Venturi-shaped channel that runs through the center of the filter absorbs sound waves in a completely different way compared to other filters (even the most expensive earplugs of others have simple straight channels). With its unique properties, a NoNoise filter guarantees the highest quality, muted, safe sound.

Waarom is NoNoise zo verschillend van andere gehoorbeschermers?



1. Patented **Venturi shaped** sound channel through centre of filter, uniquely formed for each product in the range
2. Precision-tuned, **patented ceramic filter** positioned **deeper** in your ear than other products, for maximum protection
3. Allows **normal conversation**, while effectively turning down volume on other noise with **no muffling** (occlusion) effect
4. Unique **tri-sectional design** for ultimate comfort, **suitable for all ages** (nominal diameter range 6-12mm)
5. **Silicone-free**, hypoallergenic thermoplastic for **ultimate comfort**

Proven performance

NoNoise has over 20 years of experience in the development of customized hearing protection (otoplastics). These otoplastics are equipped with unique patented filters. NoNoise has now applied this technology, developed in-house, in its universal hearing protectors.

NoNoise's hearing protection has been tested by the European recognized Institute for Occupational Safety and Health (IFA) and Social Accident Insurance (DGUV) in Germany. All NoNoise products thus meet the strict European guidelines (EN standards: 352-2: 2002).



Why Choose NoNoise Earplugs?

Protection

Noise-induced deafness is irreversible, so hearing protection is essential in many environments. Hearing impairment is not caused overnight – it is generally incremental damage over a period of time.

Damage occurs at noise levels over 80dB, with each 3dB increase equating to a doubling of noise.

dB	Sound situation	Damage	NoNoise
150	Gun shot, fireworks blast	Immediate	SHOOT
130	Sound peak during music concert	Immediate	MUSIC
120	Pile-driving machine, hammer drill	Immediate	WORK
110	Chain saw, power drill, grinder	Almost immediate	WORK
100	Drums, club, disco	After 5 minutes	MUSIC
95	Wind noise on a motorbike	After 15 minutes	MOTORSPORT
92	Small compressor, power drill	After 30 minutes	DIY & GARDEN
89	Lawn mower	After 1 hour	DIY & GARDEN
86	Busy city traffic, passing train	After 2 hours	TRAVEL
83	In passenger aeroplane, loud voices	After 4 hours	TRAVEL
60/80	Snoring, night time noise	Sleep deprivation	SLEEP

Hearing protectors attenuate the noise, but only make sense if they are worn all the time during noise exposure.

So NoNoise Hearing Protectors are designed to fit comfortably, cause no irritation, and allow you to communicate normally.

Highest Precision

NoNoise patented sound filters are made from a special ceramic material including zirconium oxide, at temperatures of over 2,700°C, under strictly controlled conditions. The quality of this high-tech ceramic material ensures precision attenuation and high definition sound.

The Venturi-shaped channel running through the centre of the filter absorbs sound waves differently from other filters ensuring best quality, safe, dampened sound.

Experience

NoNoise has over 20 years experience in development of customised hearing protection (otoplastics) across Europe in motorsport, music, industry, military, police & shooting sports.

Approved

Produced in an industry-leading, state of the art manufacturing facility, NoNoise Hearing Protectors are tested by the internationally acknowledged Institute for Health and Safety at Work (IFA) and the Social Accident Insurance (DGIV), in Germany. All NoNoise products comply with and surpass the strict European guidelines of EN352-2:2002.