



uvex

uvex **high-fit titan**

The otoplastics with maximum stability
and minimum weight

uvex high-fit titan

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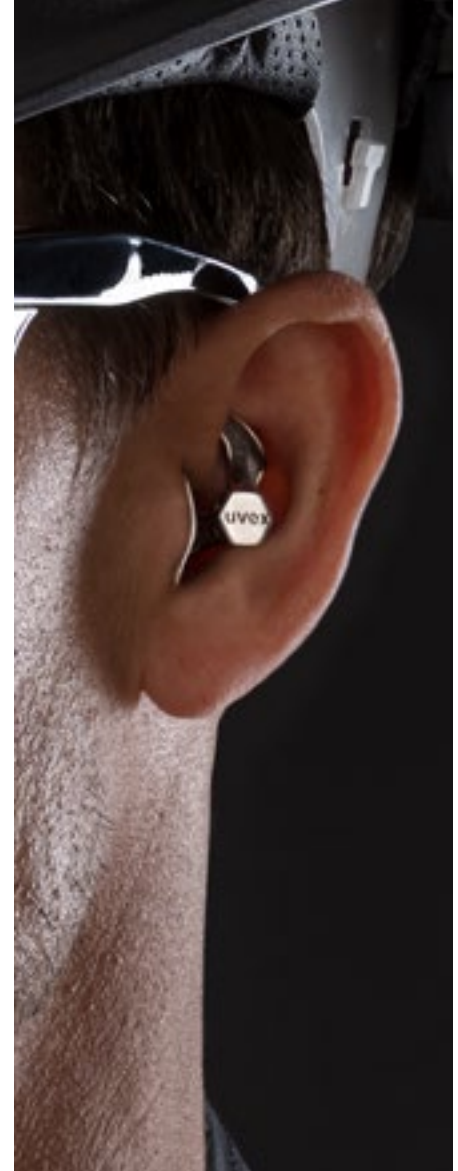
Titanium impresses with its high stability and low weight, which is why it is used in both aerospace and modern medicine. It is free from wear caused by everyday use of hearing protection otoplastics, making the otoplastics extremely durable. It is also very light, which has a positive effect on wearer comfort.



Carbon footprint*:
0.61 kg CO₂e 07/2025
(6170101, 6170102,
6170103, 6170104)



* **Note:** Values are rounded to a maximum of three decimal places • **Calculation method:** IPCC 2021 GWP 100a (based on ISO 14067) SimaPro with corresponding databases. The specified CO₂ values are valid at the time of calculation and may be subject to change. • **Scope:** cradle-to-customer • **Unit:** kg CO₂e



Customised hearing protection otoplastics

In addition to individual adjustment to the ear canal, the innovative production process enables us to select a special and unique design.

3D laser technology at the highest level

The uvex high-fit titan is manufactured using the latest 3D laser technology – for maximum precision and a perfect fit.

Design and protection features

The unique design, innovative grip and high-quality surfaces ensure optimal wearer comfort and a secure fit in the ear.

Titanium – maximum stability and minimum weight

Titanium is an extremely stable material, which means that it won't crack or break. Titanium is also resistant to wear caused by everyday use.

Perfect heat dissipation

This property makes the material extremely comfortable to wear and prevents itching and the uncomfortable feeling of having a foreign object in the ear canal.

Perfect protection due to different filter strengths

We offer our uvex high-fit titan in two protection classes/SNR values: 24 dB and 29 dB.

Hypoallergenic and antibacterial

Thanks to its hypoallergenic properties, titanium is particularly skin-friendly and biocompatible – ideal for allergy sufferers.

Made in Germany

The otoplastics are developed and produced entirely in Germany.

MADE IN GERMANY 

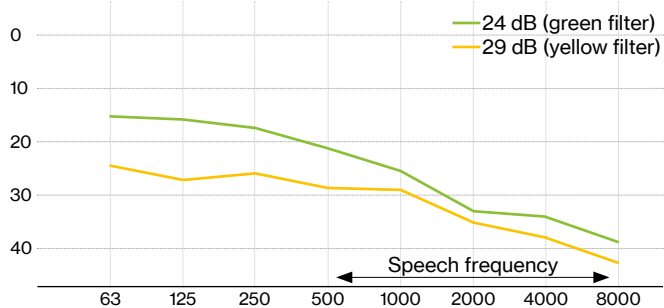
uvex high-fit titan

shiny

Art. no.	6170101	6170102
Standard	EN 352-2:2020	EN 352-2:2020
SNR	24 dB	29 dB
HML values	H27 dB; M20 dB; L16 dB	H31 dB; M26 dB; L23 dB
Colour	silver shiny	silver shiny
Order quantity multiples	PR	PR



Frequency-dependent attenuation



24 dB (green filter)

	SNR 24 dB	H 27	M 20	L 16
Attenuation/dB	26.6	30.8	23.6	19.5
SD/dB	3.1	4.3	3.2	3.4
Marking	-			

29 dB (yellow filter)

	SNR 29 dB	H 31	M 26	L 23
Attenuation/dB	32.4	33.9	29.8	28
SD/dB	3.4	2.8	4.1	4.6
Marking	W, S, V, E1			





uvex high-fit titan matt

Art. no.	6170103	6170104
Standard	EN 352-2:2020	EN 352-2:2020
SNR	24 dB	29 dB
HML values	H 27 dB; M 20 dB; L 16 dB	H 31 dB; M 26 dB; L 23 dB
Colour	anthracite, matt	anthracite, matt
Order quantity multiples	PR	PR

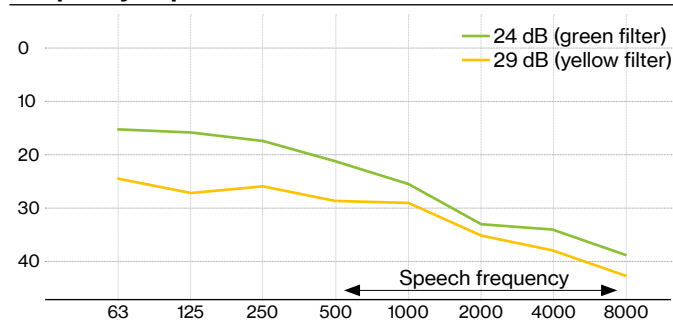
24 dB (green filter)

	SNR 24 dB	H 27	M 20	L 16
Attenuation/dB	26.6	30.8	23.6	19.5
SD/dB	3.1	4.3	3.2	3.4
Marking	-			

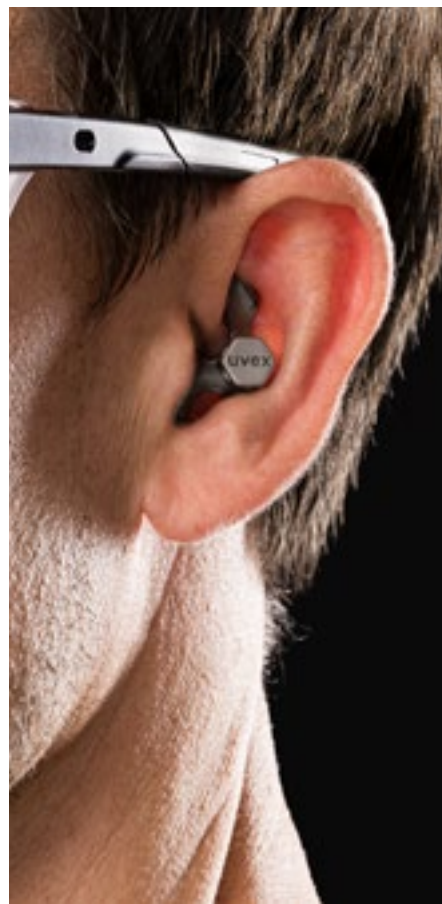
29 dB (yellow filter)

	SNR 29 dB	H 31	M 26	L 23
Attenuation/dB	32.4	33.9	29.8	28
SD/dB	3.4	2.8	4.1	4.6
Marking	W, S, V, E1			

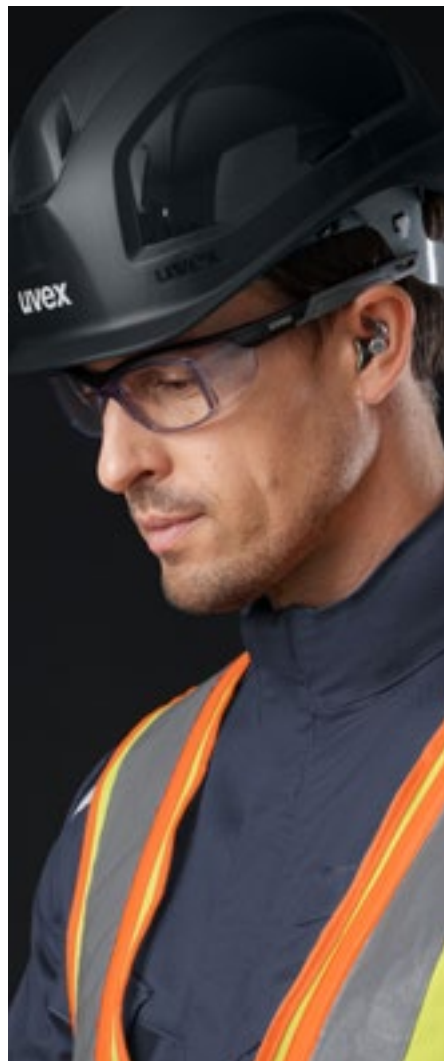
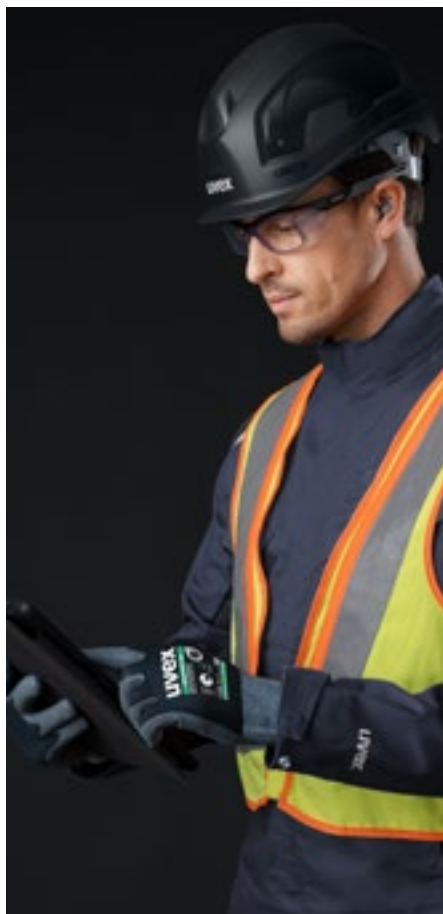
Frequency-dependent attenuation



- W** Warning signal hearing, general
- S** Signal hearing in railway track superstructure construction
- V** Signal hearing in road traffic
- E1** Exceptionally well suited, particularly suitable for persons with impaired hearing



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modern, stable, customised




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protecting people

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