

**uvex**

# **uvex high-fit titan**

The otoplastics with maximum stability  
and minimum weight

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protecting people

[uvex-safety.com](https://uvex-safety.com)

# uvex high-fit titan

The otoplastics with maximum stability and minimum weight.

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 CO<sub>2</sub>e 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 CO<sub>2</sub> values are valid at the time of calculation and may be subject to change. • **Scope:** cradle-to-customer • **Unit:** kg CO<sub>2</sub>e



### **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** 

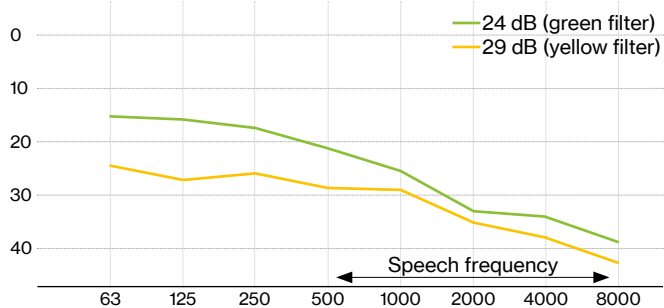
# uvex high-fit titan

## shiny

<b>Art. no.</b>	6170101	6170102
<b>Standard</b>	EN 352-2:2020	EN 352-2:2020
<b>SNR</b>	<b>24 dB</b>	<b>29 dB</b>
<b>HML values</b>	H27 dB; M20 dB; L16 dB	H31dB; M26 dB; L23 dB
<b>Colour</b>	silver shiny	silver shiny
<b>Order quantity multiples</b>	PR	PR



### Frequency-dependent attenuation



### 24 dB (green filter)

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

### 29 dB (yellow filter)

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





# uvex high-fit titan matt

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

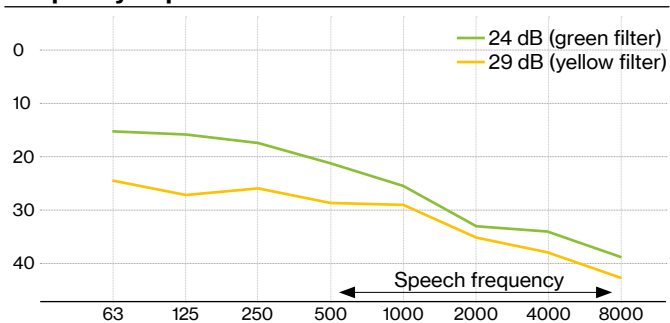
## 24 dB (green filter)

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

## 29 dB (yellow filter)

	SNR 29 dB	H 31	M 26	L 23
<b>Attenuation/dB</b>	32.4	33.9	29.8	28
<b>SD/dB</b>	3.4	2.8	4.1	4.6
<b>Marking</b>	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

# uvex



## uvex high-fit titan

modern, stable, customised




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