



**Medop** made-to-measure earplugs



# Platform for made-to-measure earplugs



**Simplification:** full management of the entire process, from certification of the product to delivery of earplugs.



**Shorter delivery times:** orders are automatically integrated in the system for immediate production.



**Order tracking:** throughout the process (pending optical service, validated, processed, being manufactured, dispatched or cancelled).



**Simplicity:** guided data entry process, very intuitive and easy-to-use.

New PPE  
regulation  
(EU) 2016/425

All hearing  
protection have  
been reclassified  
to **category III**

**Category III:** Harmful noise is considered a hazard that can have irreversible health damage.

This means that:



Manufacturers of hearing protection equipment are subject to the strictest production procedures. Products will undergo yearly checks.



Industries will need to carry out yearly checks to ensure that workers are properly protected.



Distributors will be required to comply with the strictest compliance assessment procedures.

# The importance of the use of earplugs.



**One in three workers** will suffer hearing loss if they do not use adequate protection.



**IT IS MANDATORY TO USE HEARING PROTECTION AT 85 dB AND HIGHER.**



**Removing the plug for just a few minutes can cause severe hearing damage** Removing the plug for 30 minutes in an 8-hour working day reduces worker protection, decreasing the SNR from 30 to 12. The worker is completely unprotected.

# Why buy made-to-measure earplugs from Medop?



**In-house manufacturing (R+D+i):** more than 10 years of experience.



**Mould taking** with professional audiologists.



**Personalised advice** on the most suitable earplugs for each job



**Short manufacturing lead times:** just 15 days.



**2-year warranty** post-sale service.



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EN352-2

# AUDIOFIT SLIM

SNR 20-25-27

## ADAPTABLE TO ALL EAR CANAL

Available  
**DETECTABLE**  
**AUDIOFIT SLIM**

**SNR 20-25-27**

Ideal for the food industry

Metal ball inserted



**Smaller-sized valve design:** allows for a smaller-sized earplug and 100% fit of the ear canal.

EN352-2

# AUDIOFITNEW

HIGH ATTENUATION  
HEARING PROTECTION

**SNR 28**

Available

**DETECTABLE**  
**AUDIOFITNEW**

**SNR 28**

Ideal for the food industry

Metal ball inserted



**Light valve embedded in the plug,** which blocks out harmful noise without isolating the user.

- **High-quality silicone:** they are transparent and pleasant to the touch. Comfortable material for use during the entire working day.

- **TPR safety cord:** eliminates vibrations. Has a dilation margin that, when a certain degree of pressure is surpassed, releases to avoid accidents.

- **Flexibility,** maximum comfort and fit.

- **Colours:** colour coded ear indicators (red right and left blue).

- **Special packaging:** made-to-measure earplugs + moulds made by the optician + case + instructions.



# Benefits of made-to-measure earplugs

01.

## Protection assured

Personalised process achieving the most effective protection.

04.

## Compatibility

With other PPEs (spectacles, filter masks, half masks, etc.).

02.

## Fluid communications

The filter blocks harmful frequencies while letting the rest through, allowing communication without taking out the earplugs.

05.

## Environmental precautions:

thanks to better durability than the reusable earplugs.

03.

## Comfort & fit

The ear canal remains ventilated. They can be used for long periods.

06.

## Cost-effective

Since they can be worn between 3 and 5 years.

**Save more than €65 per worker.\***

\* Estimate made by Medop regarding single-use earplugs (taking into account tariff prices of each of the references)

# The Medop manufacturing process

