

# Technical Sheet – EarowPack® Evolution Universal

Désignation		EarowPack Evolution Universal 25 Ai	
Commercial Reference		EarowPack Evolution Universal 25 Ai Yellow	
Product Code	*Option/ Variant	9/UET/25Ai/J	/SK-/M-/H
Certification Body		AC - N°2754 - Châtellerault	
N° CE		2754/1233/159/12/17/0025	

## Equipment Description:

Immediate protection with a prepaid card for the manufacture of custom-molded earplugs.

The EarTech Evolution Universal allows immediate protection for individuals exposed to noise and can later be upgraded to custom-molded earplugs. The EarTech filter, derived from the European ATL patent, blocks high frequencies while allowing conversational frequencies to pass.

All our products feature a Skintouch finish: a soft, peach-skin effect for greater comfort and faster anatomical adaptation.

## Evolution

Once impressions are taken and your custom protection is manufactured, you will receive the pre-selected model.

That is:



## Maintenance and Hygiene:

Simple, economical, and eco-friendly maintenance.

EAROW hearing protection does not require special maintenance for proper function. However, daily cleaning of the silicone tip with water and soap is recommended. Cleaning is facilitated by the membrane filter's easy removal, preventing dirt accumulation in the filter.

A hygiene range is available for periodic maintenance.

6-year warranty from the date of delivery. To ensure usage lasts the full warranty period, a functional check with the user is recommended after 3 years of use.

## Attenuation Table Values

25 Ai

Atténuations : SNR : 23.6 dB(A) - L : 19.6 - M : 20.2 - H : 23.7

F Hz	63	125	250	500	1000	2000	4000	8000
Moy dB	27.6	24.9	24.8	26.5	23.9	28.0	32.6	39.3
Écart dB	4.8	6.1	5.8	7.0	5.1	5.2	5.7	4.9
APV dB	22.8	18.8	19.0	19.5	18.8	22.8	26.9	34.4

## Equipment Usage Ranges

Filter Selection	Personnel Operating in Noisy Environments:
25 Ai	85 dB(A) jusqu'à 100 dB(A) Lpc,max >130 dB(C)

## Patents Used:

European Patent Membrane Filter & Unclipping: **No. 03292453.2**

European Patent Impulse-Noise Filter: **No. 11171380.5**

Patent Ear Molding Method FastMatrixV2: **No. FR 09/00889**

European Patent Anti-Snag Cord Reel: **No. 17150451.7**

## Composition and Materials Used:

Acoustic filter shell: **Injected ABS plastic**

Safety cord: **Polyurethane-coated polyester fiber**

Custom-molded adapters: **RTV silicone 40 Sh**



### Option Ai (Impulse-Noise Filter)

According to ANSI S12.42, the German PZI observes attenuation of over 30 dB at 160 dB(C).

For steel work, hammering, stamping, etc. For construction/public works personnel, pneumatic tools, guns, drills, etc.

## Legend Product Code – Option / Variant:

**SK:** Matte finish on tips

**T:** Metal detection ball

**M:** Laser marking on tip

**H:** Modified tip shape with Helix.

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# SPECIFIC FOOD INDUSTRY RANGE

## Fully detectable equipment



### Tracer Option :

This option is designed to meet regulatory requirements in the food industry. All equipment is blue and detectable by security portals according to food industry standards.

## Produits compatibles



### EarPro® Handle<sup>V2</sup>

Ergonomic handle for easier use



### EarPro® Compact

For headgear over-equipment needs



### EarTech® Access

High-tech standard hearing protection



### EarPro® Slim

Perfect anatomical ergonomics thanks to its canal-shaped design



### EarTech® Flat

Linear response curve attenuation



### Passtop OS ou OR

Custom hearing protection solution  
Silicone (OS) or resin (OR)

