

# EU Type Examination Certificate

This is to certify that:

PORTWEST  
PORTWEST UC, IDA Industrial Park,  
Westport  
Co. Mayo  
F28 FY88  
Ireland

Holds Certificate Number:

CE 784724

In respect of:

## **Personal Hearing Protection to EN 352-2:2020**

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):



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Denelise L'Ecluse, Managing Director Assurance - Continental Europe

First Issued: 2023-01-26

Effective Date: 2024-04-18

Latest Issue: 2024-04-18

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# EU Type Examination Certificate

No. CE 784724

## Product Specification

**Model:** EP09

**Product Type:** Hearing protectors – ear-plugs.

**Product Description:** Ear-plugs – PU Foam - Corded

**Size:** 6 – 14mm

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	63	125	250	500	1000	2000	4000	8000
	<b>Mean Attenuation (dB)</b>	37.8	33.8	38.1	40.6	37.2	37.8	45.7	46.8
	<b>Standard Deviation(dB)</b>	5.6	5.4	5.8	5.8	5.4	3.4	4.6	4.4
	<b>APV (dB)</b>	32.1	28.4	32.4	34.8	31.7	34.4	41.1	42.4
	<b>SNR<sub>m</sub>:</b> 39.4		<b>H<sub>m</sub>:</b> 38.9		<b>M<sub>m</sub>:</b> 37.3		<b>L<sub>m</sub>:</b> 36.7		
	<b>SNR<sub>s</sub>:</b> 2.8		<b>H<sub>s</sub>:</b> 2.8		<b>M<sub>s</sub>:</b> 3.4		<b>L<sub>s</sub>:</b> 3.8		
	<b>SNR:</b> 37.0		<b>H:</b> 36		<b>M:</b> 34		<b>L:</b> 33		

**Technical Specification:** Harmonized European Standard: EN 352-2:2020.

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# EU Type Examination Certificate

No. CE 784724

**Model:** EP10

**Product Type:** Hearing protectors – ear-plugs.

**Product Description:** Ear-plugs – Thermo-plastic rubber - Uncorded

**Size:** 7 – 12mm

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
	<b>Mean Attenuation (dB)</b>	31.5	28.5	31.5	33.2	31.7	34.5	37.4	41.8
	<b>Standard Deviation(dB)</b>	5.5	3.9	5.4	5.4	4.5	3.9	4.9	3.3
	<b>APV (dB)</b>	26.0	24.6	26.1	27.8	27.2	30.6	32.6	38.5
	<b>SNR<sub>m</sub>:</b> 34.6		<b>H<sub>m</sub>:</b> 34.7		<b>M<sub>m</sub>:</b> 32.2		<b>L<sub>m</sub>:</b> 31.5		
	<b>SNR<sub>s</sub>:</b> 3.4		<b>H<sub>s</sub>:</b> 3.3		<b>M<sub>s</sub>:</b> 3.8		<b>L<sub>s</sub>:</b> 4.2		
	<b>SNR:</b> 31.0		<b>H:</b> 31		<b>M:</b> 28		<b>L:</b> 27		

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# EU Type Examination Certificate

No. CE 784724

**Models:** EP20 (with Ear-plugs dispenser)  
EP21 (without Ear-plugs dispenser)

**Product Type:** Hearing protectors – ear-plugs.

**Product Description:** Ear-plugs – PU Foam – Uncorded and disposable.

**Size:** 5 – 11mm

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	38.1	36.7	40.1	39.4	37.6	41.0	46.1
	<b>Standard Deviation(dB)</b>	4.0	5.1	4.9	3.8	2.3	3.7	3.9
	<b>APV (dB)</b>	34.1	31.6	35.1	35.6	35.3	37.3	42.3
	<b>SNR<sub>m</sub>:</b> 40.2	<b>H<sub>m</sub>:</b> 38.9		<b>M<sub>m</sub>:</b> 38.8		<b>L<sub>m</sub>:</b> 38.0		
	<b>SNR<sub>s</sub>:</b> 2.6	<b>H<sub>s</sub>:</b> 2.3		<b>M<sub>s</sub>:</b> 3.0		<b>L<sub>s</sub>:</b> 3.5		
	<b>SNR:</b> 38	<b>H:</b> 37		<b>M:</b> 36		<b>L:</b> 34		

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# EU Type Examination Certificate

No. CE 784724

**Model:** EP06

**Product Type:** Hearing protectors – ear-plugs.

**Product Description:** Ear-plugs – PU Foam - Uncorded

**Size:** 6 – 14mm

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
	<b>Mean Attenuation (dB)</b>	37.8	33.8	38.1	40.6	37.2	37.8	45.7	46.8
	<b>Standard Deviation(dB)</b>	5.6	5.4	5.8	5.8	5.4	3.4	4.6	4.4
	<b>APV (dB)</b>	32.1	28.4	32.4	34.8	31.7	34.4	41.1	42.4
	<b>SNR<sub>m</sub>:</b> 39.4		<b>H<sub>m</sub>:</b> 38.9			<b>M<sub>m</sub>:</b> 37.3		<b>L<sub>m</sub>:</b> 36.7	
	<b>SNR<sub>s</sub>:</b> 2.8		<b>H<sub>s</sub>:</b> 2.8			<b>M<sub>s</sub>:</b> 3.4		<b>L<sub>s</sub>:</b> 3.8	
	<b>SNR:</b> 37.0		<b>H:</b> 36			<b>M:</b> 34		<b>L:</b> 33	

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# EU Type Examination Certificate

No. CE 784724

**Products initially approved on BSI Certificate:** CE 761417

## Certificate Amendment Record:

Issue date	Comments	BSI Review No.
January 2023	First issue.	2797:23:3846712
April 2024	Addition of branded models EP20/EP21 and EP06	2797:24:30108278

## Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall process utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

The validity of the Certificate for the products is also dependent on the maintenance of the EU Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), as referenced on BSI issued Certificate CE 757571.

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