



# **EU Type Examination Certificate**

This is to certify that: 3M United Kingdom Plc

> 3M Centre Cain Road Bracknell Berkshire **RG12 8HT United Kingdom**

Holds Certificate Number: CE 706285

In respect of:

Personal hearing protection to EN 352-2:2002 -

Ear-plugs

Models: 3M<sup>™</sup> 1261 and 3M<sup>™</sup> 1271.

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):

Previous Notified Body: BSI 0086

First Issued: 2019-03-08 Latest Issue: 2019-10-24 Drs. Dave Hagenaars, Managing Director

Effective Date: 2019-10-24 Expiry Date: 2024-03-08

Page: 1 of 3

...making excellence a habit."



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# **EU Type Examination Certificate**

No. CE 706285

### **Product Specification**

**Product Name:** 3M<sup>™</sup> Reusable Earplugs.

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

Model: 1261 (uncorded) and 1271 (corded).

(standard industrial products)

**Technical Specification:** Harmonized European Standard: EN 352-2:2002.

**Product Description:** The Ear-plugs have round contoured ear tips designed to be inserted into the ear

canal. The earplugs are re-usable and are available as corded or uncorded products.

EN 352-2 classifications: R

(both models)

Reusable.

### **Product Assessment**

The product assessments were based on BS EN 352-2:2002, the English language version of EN 352-2:2002, hearing protectors – ear-plugs.

#### **Attenuation values**

Test Frequency f (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation Mf (dB)	26.6	27.7	28.4	29.5	29.6	35.6	35.6	38.9
Standard Deviation Sf (dB)	9.4	9.9	10.9	9.6	8.2	6.8	9.8	6.7
Assumed Protection Value APVf (dB) (APVf = Mf-Sf)	17.2	17.8	17.5	19.9	21.4	28.8	25.8	32.2

# High, Medium and Low Frequency Attenuation Values and Single Number Rating

High Frequency Attenuation Value (H)	27 dB
Medium Frequency Attenuation Value (M)	22 dB
Low Frequency Attenuation Value (L)	20 dB
Single Number Rating (SNR)	25 dB

### **Sizing**

Nominal Diameter: Smallest – 8mm Largest – 14mm. Effective Date: 2019-10-24 Latest Issue: 2019-10-24 Expiry Date: 2024-03-08

Page: 2 of 3

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### **Packaged variants**

In addition to the products referenced on this Certificate the standard industrial products may also be sold as market specific packaged variants. Such variants will be differentiated and the Technical File(s) will be updated with the appropriate information.

## Kits and packouts

The products referenced on this Certificate may also be combined with other 3M products into a kit or packout. There will be no change to the product but the User Information may vary, in such instances the applicable Technical File(s) will be updated with the appropriate information.

### **Certificate Administration Details**

### **Technical File References:**

Item	Technical File	
3M 1261 (uncorded) and 1271 (corded) earplugs	TF0411	
3M Re-usable Earplugs Generic User Instruction.	TF0534.	

### **Certificate Amendment Record:**

Issue date	Comments	BSI Review No.
March 2019	First issue under PPE Regulation (EU) 2016/425. Product initially Certified to Article 10 of the PPE Directive 89/686/EEC, BSI issued Certificate CE 69740 refers.	0086:19:9716144
April 2019	Administration reissue for correction.	

## **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 595701.

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Page: 3 of 3

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