

# 3M™ 1261 and 3M™ 1271 Earplugs

## Technical datasheet



### Product description

The 3M™ 1261 and 1271 Earplugs are reusable and designed for insertion into the ear canal to help reduce exposure to hazardous levels of noise. Available as corded (1271) or uncorded (1261) version.

The 3M™ 1261 and 1271 reusable earplugs are designed for use in a wide range of applications against moderate noise exposure level. See attenuation data for further information.

### Key features

- ▶ Three-flange, cone shaped design may help fit a wider range of ear canal sizes
- ▶ Made from soft and durable Thermoplastic elastomer (TPE) material for optimum comfort
- ▶ 3M 1271 Earplugs are corded, allowing the wearer to keep the plugs together and make them quickly accessible
- ▶ Firm stem for easy insertion and removal
- ▶ SNR 26dB – see full attenuation table
- ▶ Can be washed with mild detergent and water
- ▶ Supplied in a reusable cardboard pillow pack, durable case is available as an accessory.
- ▶ Compatible with the 3M™ E-A-Rfit™ Dual-Ear Validation System

### Standard and approval:

This product is in compliance with appropriate Directives or Regulations to fulfill the requirements for the CE and/or UKCA marking.

The full text of the Declaration of Conformity is available at the following internet address:  
[www.3M.com/hearing/certs](http://www.3M.com/hearing/certs)



### Materials

The following materials are used in the manufacture of this product.

Earplugs and stem	TPE
Cord	Polyester with acetate tips

### Important notice

**Product Selection and Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable national and/or European regulations and standards. Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

**Warranty, Limited Remedy, and Disclaimer:** A limitation of liability applies to the 3M product(s). For warranty statement and limitation of liability, refer to your supply agreement or the 3M terms & conditions of sale.

3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use.

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#### Version 4

This version is the sole document applicable to the product(s) since its date of publication April 2023.

### Nominal size range

Smallest fitted: 7 mm

Largest fitted: 14 mm

### Attenuation values (corded and uncorded):

	Frequency (Hz) f								H	M	L	SNR
	63	125	250	500	1000	2000	4000	8000				
Mf (dB)	28.8	27.9	25.6	28.0	26.4	30.1	34.5	38.8	30.1	27.2	26.5	29.8
Sf (dB)	5.3	4.5	5.5	5.5	4.6	6.0	5.5	3.9	4.3	4.3	4.6	4.2
APVf (dB)	23.5	23.4	20.1	22.5	21.8	24.1	29.0	34.9	26	23	22	26

#### Key:

f = Test frequency

Mf = Mean attenuation value

Sf = Standard deviation

APVf (Mf - Sf) = Assumed Protection Value

H = High-frequency attenuation value (predicted noise level reduction for noise with  $L_C - L_A = -2dB$ )

M = Medium-frequency attenuation value (predicted noise level reduction for noise with  $L_C - L_A = +2dB$ )

L = Low-frequency attenuation value (predicted noise level reduction for noise with  $L_C - L_A = +10dB$ )

SNR = Single Number Rating (the value that is subtracted from the measured C-weighted sound pressure level,  $L_C$  in order to estimate the effective A-weighted sound pressure level inside the ear)

Information on Shelf life and service life can be found in the User Instructions.