

Technical Datasheet

E-A-R™ Classic™ Soft Roll-Down Earplugs

Corded PR-01-005
Uncorded PP-01-800



Product Description

The E-A-R™ Classic™ Soft Roll-Down earplugs are designed for insertion into the ear canal to help reduce exposure to hazardous levels of noise and loud sound.

This product is available in corded and uncorded versions.

The uncorded version is also available in One Touch™ Dispenser format.

Key Features

- Soft polymer foam
- Warms to body temperature and becomes very soft
- Special cylindrical shape that fits most ear canals and provides a reliable seal
- Low equilibrium pressure helps reduce pressure in ear the ear canal thus increasing comfort and wearability
- Small cell structure feels smoother to the touch
- Excellent sound attenuation characteristics
- Supplied in a re-sealable pillow-pack for ease of use
- Helps reduce moisture and sweat build-up thus improving comfort. Ideally suited for use in hot and humid conditions
- Available in both corded and uncorded versions

Applications

The E-A-R™ Classic™ Soft is ideal for moderate to high noise levels, and is particularly suited for high frequency noise in both the workplace and leisure environments. Examples of typical applications include:

- Automotive
- Chemical & pharmaceutical manufacture
- Construction
- Engineering
- Metal processing
- Textile manufacture
- Woodworking
- General assembly



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Attenuation values

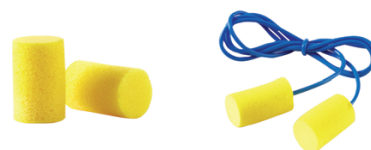
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	28.2	30.6	32.8	35.9	36.0	38.5	43.8	43.1
sf (dB)	6.7	6.4	5.4	4.2	3.7	3.2	3.8	3.8
APVf (dB)	21.5	24.2	27.4	31.7	32.3	35.2	40.0	39.3

SNR = 36dB

H = 36dB

M = 33dB

L = 29dB



Key

Mf = Mean attenuation value

sf = Standard deviation

APVf = 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).

Standard & Approval

The E-A-R™ Classic™ Soft earplugs have been tested and CE approved against the European Standard EN352-2:2002. The product meets the Basic Safety Requirements as laid out in Annex II of the European Community Directive 89/686/EEC and has been examined at the design stage by INSPEC International Limited, 56 Leslie Hough Way, Salford, Greater Manchester M6 6AJ, UK (Notified Body number 0194).

Materials

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

Component	Material
Earplugs	Slow recovery polyurethane foam
Cord	Recycled Polymer

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