

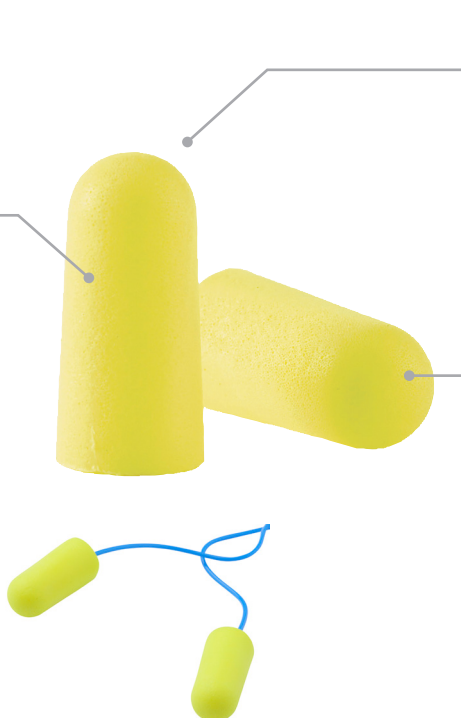
# 3M™ E-A-Rsoft™ Yellow Neons™ Earplugs

## Key benefits:



### Convenient

- ▶ Available in both corded and uncorded versions
- ▶ Compatible with 3M™ One Touch™ Pro Dispenser
- ▶ Tapered shape conforms quickly to fit comfortably in most ear canals
- ▶ Vibrant Neon yellow colour for hearing protection compliance sighting



### Comfortable

- ▶ Less bulky design makes it suitable for those with narrow ear canals
- ▶ Extremely soft foam helps provide low pressure inside the ear canal thus increasing comfort and wearability



### Protective

- ▶ Tapered shape conforms quickly to most ear canals
- ▶ Compatible with 3M™ E-A-Rfit™ Dual Ear Validation System which measures the effectiveness of the earplug's protection level
- ▶ Particularly suited for low frequency noise

## Attenuation values

|           | Frequency (Hz) <i>f</i> |      |      |      |      |      |      |      | H    | M    | L    | SNR  |
|-----------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|
|           | 63                      | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |      |      |      |      |
| Mf (dB)   | 30.1                    | 32.7 | 34.3 | 37.9 | 37.6 | 33.9 | 43.8 | 40.1 | 36.0 | 36.1 | 34.8 | 37.3 |
| Sf (dB)   | 7.5                     | 7.4  | 6.5  | 5.4  | 3.7  | 3.7  | 4.0  | 4.0  | 3.3  | 3.5  | 5.0  | 3.3  |
| APVf (dB) | 22.6                    | 25.3 | 27.8 | 32.5 | 33.9 | 30.2 | 39.8 | 36.1 | 33   | 33   | 30   | 34   |

## Key

**f** = Test frequency

**Mf** = Mean attenuation value

**Sf** = Standard deviation

**APVf** (Mf - Sf) = Assumed Protection Value

**H** = High-frequency attenuation value

**M** = Medium-frequency attenuation value

**L** = Low-frequency attenuation value

**SNR** = Single Number Rating (the value that is subtracted from the measured C-weighted sound pressure level, LC 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.

## Materials

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

| Component | Material          |
|-----------|-------------------|
| Earplugs  | Polyurethane foam |
| Cord      | PVC               |

## Ordering information

| Short ID                                        | Description                                             |
|-------------------------------------------------|---------------------------------------------------------|
| <b>3M™ E-A-Rsoft™ Yellow Neons™</b>             |                                                         |
| ES01001                                         | 3M™ E-A-Rsoft™ Yellow Neons™ Earplugs uncorded          |
| ES01005                                         | 3M™ E-A-Rsoft™ Yellow Neons™ Earplugs corded            |
| <b>3M™ E-A-R™ One Touch™ Pro Dispenser</b>      |                                                         |
| 391-0000                                        | One Touch™ earplug dispenser (dispenser only)           |
| PD01002                                         | 3M™ E-A-Rsoft™ Yellow Neons™ Earplugs refill bottle     |
| <b>3M™ E-A-Rfit™ Dual Ear Validation System</b> |                                                         |
| 393-1100                                        | E-A-Rfit™ Dual Ear Validation System                    |
| EARSOFTP                                        | 3M™ E-A-Rsoft™ Yellow Neons™ Earplugs probed test plugs |

### Personal Safety Division

**3M United Kingdom PLC**  
3M Centre, Cain Road, Bracknell  
Berkshire RG12 8HT  
t: 0870 60 800 60  
www.3M.co.uk/safety

**3M Ireland Limited**  
The Iveagh Building  
The Park  
Carrickmines  
Dublin 18

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