



## Ultrafit™

## Pre Moulded Earplugs

E-A-R UltraFit™ reusable ear plugs in the patented E-AIR yellow colour, are made with a unique triple-flange design with rounded flanges that provide an uncommonly comfortable fit. The tapered shape fits a wide variety of ear canal sizes so you do not need different sizes to fit your workforce.



### **OPTIME™ Alert system result**

**94dB(A) - 105dB(A)**

You are above the level, hearing protection is compulsory for high and medium frequency noise

## Features and Benefits

### Comfortable

- + Made from soft Silicone rubber
- + Designed to fit and protect without irritation
- + Multi-flanged plugs stay securely in the ear
- + Reusable and washable

### Convenient

- + Available with easy to see blue cord
- + Moisture resistant
- + The 340-4004 includes a storage case to keep plugs clean and protected
- + No roll down required - No dirt transfer from fingers to plug
- + Compatible with E-A-Rfit™ validation system

### Effective

- + SNR of 32dB

### Caution!

**HEARING PROTECTION PRODUCTS** These hearing protection products help prevent hearing loss against certain noises. To provide proper protection, the hearing protection should be (1) suitable for the job, (2) fitted properly in/on the ear, (3) worn during all times of exposure to noise, and (4) replaced when damaged or otherwise necessary. Ensure to fit and use hearing protectors according to these instructions will reduce their effectiveness. Failure to wear hearing protectors 100% of the time that you are exposed to hazardous noise may dramatically increase your risk of developing hearing loss. Keep ear plugs away from infants and small children.



### SD-200 Sound level meter

Green, yellow and red LEDs flash the colour that corresponds to the Optime Alert System, making it easy to select the appropriate level of hearing protection. The SD-200 offers an integrating feature that computes the average sound pressure level, allowing for more accurate assessment of intermittent sound levels. The user-friendly interface makes the SD-200 easy to operate. A rechargeable lithium polymer battery helps lower the total cost of ownership compared to other sound level meters that use replaceable batteries.



3M Have a wide range of hearing protection available, suitable for a wide range of applications and conditions.



Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	29.2	29.4	29.4	32.2	32.3	36.1	44.3	44.8
Standard Deviation (dB)	6.0	7.4	6.6	5.3	5.0	3.2	6.0	6.4
Assumed Protection (dB)	23.2	22.0	22.7	26.9	27.3	32.8	38.3	38.4

SNR= 32dB H=33dB, M= 28dB, L=25dB