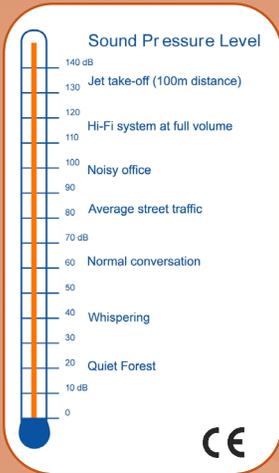


## Technical



**PROTECThear** ear plugs are CE marked, personally moulded reusable ear protection. EN 352-2: 1993. Tested by Salford University School of Acoustics. Report No. HP/01/26 & HP/01/27. Certified By Inspec International Ltd, certificate no. 965.

**PROTECThear** has been developed through user-feedback and more than 10 years' experience of working within the hearing industry.

Description: **PROTECThear**, Vented (Filtered) 90-OP Custom Moulded

| Frequency               | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
|-------------------------|------|------|------|------|------|------|------|------|
| Mean Attenuation (dB)   | 24.3 | 25.6 | 25.4 | 26.7 | 27.2 | 35.4 | 40.8 | 38.4 |
| Standard Deviation (dB) | 5.5  | 4.8  | 2.5  | 4.1  | 2.9  | 2.6  | 4.6  | 5.1  |
| Assumed Protection (dB) | 18.8 | 20.7 | 23.0 | 22.6 | 24.3 | 32.7 | 36.2 | 33.2 |

H=31; M=25; L=24    SNR=29    Frequency (Hz)

Available From:

**PURETONE SAFETY**



# PROTECThear

**Custom-Made Soft Silicone  
Filtered Ear Plugs**

**PURETONE SAFETY**

*Pure tone*

[www.puretonesafety.net](http://www.puretonesafety.net)

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[www.puretone.net](http://www.puretone.net)

## Soft Silicone Earplugs

**PROTECThear** inserts are custom-moulded soft silicone earpieces, individually crafted under the strictest conditions from an exact impression of the user's ears.

Each pair are custom-manufactured using specially formulated medical-grade silicone, to offer the highest degree of comfort whilst providing a highly effective acoustic barrier.

**PROTECThear** ear plugs are vented and incorporate a passive acoustic filter, which attenuates loud noises whilst maintaining the ability of the individual to hear speech, ambient noise and to use telephones and radios. Excessive background noise is reduced, resulting in increased safety and working comfort.

**PROTECThear** are available in the following colours:



Yellow



Flesh



Blue



Transparent

## Available in two types

Full Shell



Canal Tip



## Multi-Purpose Earplugs

**PROTECThear** inserts are multi-purpose earpieces that are suited to a variety of situations where the correct level of attenuation is needed. They are suitable for motorcyclists and the motorsport industry, as they can be comfortably worn under a helmet for continuous use on the road without irritation.

**PROTECThear** are also suitable for industry and factory use, shooting sports, musicians and music listeners. When used in the food processing industry, a 3mm stainless steel ball bearing is bonded into the earplug to make the earplugs metal detectable.

**PROTECThear** ear plugs are used by Aaron Steele - Formula Palmer Audi racing-car driver.



[www.aaronsteeleracing.com](http://www.aaronsteeleracing.com)

*"Using **PROTECThear** allows me to push it to the max without the worry of damaging my hearing. I would definitely recommend **PROTECThear** to everyone who needs noise protection."* - Aaron Steele.



Aaron in action at Brands Hatch

