

PRO-26 Hearing Protector

Product Strapline

Robust protection with a clear response for very high noise environments.

Short Description

The PRO 26 is one of the strongest level-attenuating earplugs available, offering protection from the most challenging sound environments whilst ensuring that you can hear clearly and perform at your best at all times. The PRO 26 offers the same incredibly natural sound as the rest of the PRO range and offers a high-frequency peak that ensures that your hearing is protected from the most dangerous and intense sounds. Ideal for those working in the loudest of environments, the PRO 26 offers clear communication, unparalleled comfort and tailor-made attenuation to ensure that you can stay in touch and in tune with your environment.

Part Code PRO-26
Rev. Date 1/12



Full Description

Extra strong protection but still in delicate balance

The PRO 26 filter offers some of the strongest attenuation in the PRO range but still keeps all of the frequencies in balance allowing you to stay protected but perfectly in touch with your environment. Offering level response up to 4kHz, the PRO 26 is perfect for musicians working in the loudest environments allowing complete clarity in extreme noise. In addition, the PRO 26 offers extra protection at the highest frequencies so you stay safe from the most intense sounds and can tackle your work with confidence.

The next generation of filter design

The PRO filter series has been designed anew with the wearer in mind. For starters, it's smaller than many competing filters so that it can fit into smaller ears without any protrusion which is great for both comfort and aesthetics as it will always fit snugly underneath a helmet. The filters are also user-interchangeable so you can alternate as your environment demands to any other filter in the PRO range giving you complete control over your protection with just a single set of earmoulds. In addition, the PRO series are water resistant so they can be used outside or in high moisture environments and can withstand perspiration without it damaging the filter membrane.

The curse of the occlusion effect

Trying to create a natural sounding earplug is no mean feat as far as your own voice is concerned because, as you will have experienced, when you block off your ear canal your own voice starts to boom inside your head, this is what we call occlusion. Occlusion is caused by sound that is carried to your ear canal through the cartilage at the side of your head and usually escapes through the open ear canal so is not heard. When we block off the canal this sound cannot escape and so creates that booming effect. A large amount of occlusion can be eliminated by ensuring that the earplug sits deep enough into the ear canal to extend past the cartilage so that the sound hits the plug and is reduced rather than entering the canal at all but the PRO filters go one step further. The PRO series are vented to allow sound to pass both ways so that remaining sound can escape directly through the filter providing one of the most natural sounding earplugs available.

Tailor made for you

The PRO 26 is custom-made using soft medical-grade silicone so you get the very best in isolation and fit allowing you to wear them for hours at a time without fatigue or discomfort. Each earpiece is manufactured to the highest standards ensuring you get a comfortable, discreet and effective hearing protector that can be fitted quickly, easily and securely every time.

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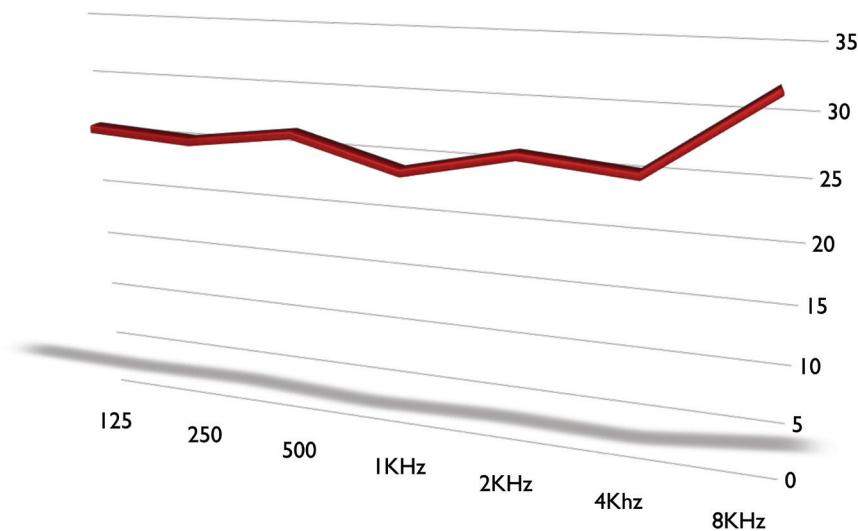
Technical Specification

| | |
|-----------------------------------|---|
| SNR (Single Number Rating) | 27dB |
| High Spectrum Average Attenuation | 26dB |
| Mid Spectrum Average Attenuation | 25dB |
| Low Spectrum Average Attenuation | 25dB |
| Weight | 3g Net 83g Gross Average weight will vary according to ear size |
| Build Material | 40 Shore Medical Grade Silicone |
| Mould Type | Canal Mould |
| Standard Colour | Clear |
| Included Accessories | Instruction Leaflet, Wax Pick, Comfort Cream, Carry Pouch |
| Optional Accessories | None |
| Package Dimensions | 170mm x 125mm x 28mm |
| Warranty Period | 1 Year against manufacturing and component failure |
| Attenuation Determined By | BSI Product Services (0086), Maylands Avenue Hemel Hempstead, Herts, HP2 4SQ |

Build options

| | |
|--|---|
| Colour (Clear Default) - SRP £10 | The PRO-26 can be produced in colours from our current colour chart |
| Laser Etching (None Default) - SRP £10 | The PRO-26 can be laser etched up to 10 characters |
| Removal Grips - SRP £10 | The PRO-26 may be fitted with grips to aid removal |
| Connection Cord - SRP £10 | The PRO-26 may be fitted with a connection cord for security |

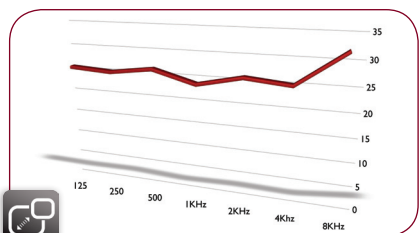
Attenuation



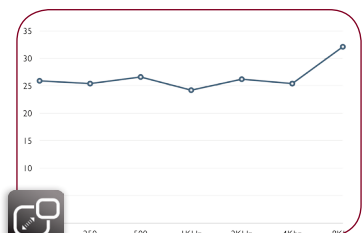
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|--------------------------------|----------|------|----------|------|----------|------|------|
| Mean Attenuation (M in dB) | 29.5 | 28.6 | 30.2 | 28.4 | 28.9 | 30.0 | 38.9 |
| Standard Deviation (S) | 3.6 | 3.2 | 3.6 | 4.3 | 2.7 | 4.6 | 6.8 |
| Assumed Protection (APV in dB) | 25.9 | 25.4 | 26.6 | 24.2 | 26.2 | 25.5 | 32.1 |
| SNR (dB) 27 | L(dB) 26 | | M(dB) 25 | | H(dB) 25 | | |

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Image Library



AttenuationGraph3D.jpg



AttenuationGraph2D.jpg



PRO-Logo.jpg



PRO-LogoWhite.jpg