

## Elvex Uni-Fit™

Foam Ear Plugs with higher rating and easier insertion

Elvex Uni-Fit foam ear plugs use a slow expansion Polyurethane foam, that makes it easier for inexperienced users to make a good insertion. A correctly inserted plug will allow the user to get the benefit of the excellent attenuation. It is a known fact that laboratory attenuation data often cannot be achieved in the field, as a result of poor user insertion technique. With slow expansion foam, the user gets a better chance of achieving a good fit.

### Elvex Uni-Fit Features:

- Elvex Uni-Fit has a Noise Reduction Rating of 31 dB. Tested to ANSI S3.19-1974 at an independent and certified laboratory.
- Uni-Fit is also CE certified and tested to EN-352 by INSPEC Laboratories in the UK. Single Number Rating (SNR) is 36 dB.
- Elvex Uni-Fit foam ear plugs are easy to insert correctly due to their tapered shape and slow expansion rate.
- The smooth surface and low pressure foam provide the most comfortable fitting foam ear plugs on the market.
- One size fits all! The dimensions of Elvex Uni-Fit allow virtually every ear canal to be correctly fitted.
- Multilingual Packaging; English, Spanish and French, assures that proper usage information is available where the ear plugs are dispensed.
- Available in standard and corded versions.

**EP-101** Standard, 200 pairs per dispenser box, 5 boxes per carton.

**EP-113** PVC-corded, 100 pairs per dispenser box, 5 boxes per carton.

Attenuation properties of Elvex Uni-Fit ear plugs:

| ANSI<br>S3-19-1974 | Frequency, Hz  | 125  | 250  | 500  | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | H  | M  | L  | NRR |
|--------------------|----------------|------|------|------|------|------|------|------|------|------|----|----|----|-----|
|                    | Mean Value, dB | 39.9 | 42.2 | 43.6 | 39.5 | 38.4 | 46.0 | 47.9 | 48.4 | 48.8 | 38 | 37 | 37 | 31  |
|                    | Std. Deviation | 5.3  | 5.8  | 5.5  | 4.3  | 3.0  | 4.9  | 3.7  | 5.0  | 4.1  |    |    |    |     |

  

| CE<br>EN-352-2:2002 | Frequency, Hz  | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | H  | M  | L  | SNR |
|---------------------|----------------|------|------|------|------|------|------|------|------|----|----|----|-----|
|                     | Mean Value, dB | 33.2 | 35.6 | 35.8 | 38.8 | 37.4 | 38.7 | 46.9 | 44.4 | 35 | 33 | 31 | 36  |
|                     | Std. Deviation | 4.5  | 6.2  | 7.0  | 6.3  | 6.0  | 5.0  | 4.8  | 5.2  |    |    |    |     |
| Protection Value    | 28.7           | 29.4 | 28.8 | 32.5 | 31.4 | 33.7 | 42.1 | 39.2 |      |    |    |    |     |

