

Technical Data Sheet

NORTH

Subject: DeciDamp²® Disposable Earplugs

➤ **DESCRIPTION**

Uncorded earplugs 280005 and 282505



Corded Earplugs 280006 and 280035



| | |
|-----------|---|
| Type | Disposable |
| Style | 280005 and 282505 : Uncorded 280006 and 280035 : Corded |
| Material | Slow Recovery Vinyl Foam |
| Color | White |
| Process | Punched PVC foam |
| Packaging | 280005 and 280006 : Plastic pouch 282505 and 280035 : Degradable Paper pouch |

➤ **ATTENUATION VALUES**

CANADA/USA (uncorded)

| CSA Class | Frequencies (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | NRR |
|-----------|------------------|------|------|------|------|------|------|------|------|------|-----|
| | Attenuation (dB) | | | | | | | | | | |
| AL | Mean value | 31.7 | 33.1 | 36.3 | 35.7 | 35.4 | 41.4 | 42.3 | 44.6 | 44.8 | 29 |
| | Std. Deviation | 3.6 | 3.7 | 3.7 | 2.8 | 3.1 | 3.8 | 3.6 | 3.1 | 3.3 | |

Tested in accordance with ANSI S3.19-1974 by Michael and Associates Inc., State College, PA, USA.

CANADA/USA (corded)

| CSA Class | Frequencies (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | NRR |
|-----------|------------------|------|------|------|------|------|------|------|------|------|-----|
| | Attenuation (dB) | | | | | | | | | | |
| AL | Mean value | 32.5 | 34.0 | 36.3 | 35.4 | 36.3 | 42.1 | 43.6 | 46.2 | 45.4 | 29 |
| | Std. Deviation | 3.2 | 3.7 | 3.7 | 3.1 | 3.1 | 3.3 | 2.7 | 4.7 | 2.8 | |

Tested in accordance with ANSI S3.19-1974 by Michael and Associates Inc., State College, PA, USA.

EUROPE

| Frequencies (Hz) | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M |
|------------------|------|------|------|------|------|------|------|------|------|--------|
| Attenuation (dB) | | | | | | | | | L | SNR |
| Mean value | 24.0 | 26.1 | 28.6 | 30.8 | 30.9 | 34.7 | 43.2 | 42.9 | H=31 | M=26 |
| Std. Deviation | 9.8 | 7.9 | 7.4 | 5.4 | 5.8 | 4.0 | 4.6 | 7.4 | L=23 | SNR=30 |
| APV-value | 14.2 | 18.2 | 21.2 | 25.3 | 25.1 | 30.7 | 38.6 | 35.6 | | |

Tested in accordance with EN352-2:1993 by Inspec Certification Ltd., Upper Wingbury Courtyard, Wingrave, Aylesbury, Bucks HP22 4LW, England. Notified Body no.0194. Size range : smallest=6, largest=12

AUSTRALIA (uncorded)

| Frequencies (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | SLC 80 |
|------------------|------|------|------|------|------|------|------|--------|
| Attenuation (dB) | | | | | | | | |
| Mean value | 23.1 | 26.7 | 28.7 | 29.9 | 35.4 | 39.8 | 38.8 | 27 |
| Std. Deviation | 7.2 | 8.0 | 7.7 | 6.4 | 4.3 | 2.8 | 7.9 | |

Tested in accordance with AS 1270-1988 by WorkCover Authority, New South Wales, Australia.

AUSTRALIA (corded)

| Frequencies (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | SLC 80 |
|------------------|------|------|------|------|------|------|------|--------|
| Attenuation (dB) | | | | | | | | |
| Mean value | 23.6 | 28.2 | 30.7 | 32.4 | 33.7 | 39.8 | 42.4 | 27.5 |
| Std. Deviation | 9.6 | 9.1 | 8.1 | 7.1 | 5.0 | 5.3 | 4.8 | |

Tested in accordance with AS 1270-1988 by WorkCover Authority, New South Wales, Australia.

➤ **FITTING**



➤ **MATERIAL DECLARATION**

We declare that all the materials used in the manufacturing of this product are not known to be likely to cause skin irritation, skin disorders, allergic reactions nor any other adverse effects to health within the lifetime of the use of the product. Does not contain latex or any latex derivative. Skin irritation studies are available upon request.

➤ **RECOMMENDATIONS**

The earplugs must be fitted, adjusted and maintained in accordance with the fitting instruction written on the packaging. This product can be adversely affected by certain chemical substances. Further information should be sought from the manufacturer. The earplugs must be worn at all times in noisy surrounding. Inspect the earplugs for serviceability. Must be replaced if the earplugs show any sign of deterioration, crack, or other alterations. If recommendations are not adhered to, the protection afforded will be severely impaired.

Made in USA