

# Technical Data Sheet

**NORTH**

**Subject: Conic-Fit EP01 and EP02 Reusable Earplugs**



Type  
Style

Reusable  
**EP01 and EP01100 : Uncorded**  
**EP02 and EP02100 : Corded**

Material  
Color  
Process

Thermoplastic Elastomer (TPE), PVC cord  
High visibility Orange  
Injection molding

Part#	Description	Packaging
<b>Uncorded</b> EP01	<b>Carrying Case</b> 1 pair per box	20 boxes/carton
EP01100	<b>Poly Bag</b> 1 pair per bag	100 bags/carton
<b>Corded</b> EP02	<b>Carrying Case</b> 1 pair per box	20 boxes/carton
EP02100	<b>Poly Bag</b> 1 pair per bag	100 bags/carton

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**Subject: Conic-Fit EP01 and EP02 Reusable Earplugs**

➤ **ATTENUATION VALUES**

**CANADA/USA**

CSA Class	Frequencies (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
	Attenuation (dB)										
AL	Mean value	27.2	27.2	28.3	32.2	37.4	41.9	38.5	38.4	34.3	24
	Std. Deviation	3.4	4.3	4.4	3.4	2.8	3.4	4.6	3.4	3.6	

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
										L
Attenuation (dB)										
Mean value	23.6	24.1	22.9	23.8	25.7	33.6	36.2	27.1	H=25	M=20
Std. Deviation	7.4	6.9	6.7	6.5	5.6	5.2	6.2	6.1	L=18	SNR=23
APV-value	16.2	17.2	16.1	17.2	20.1	28.3	30.0	20.9		

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=9, largest=11

**AUSTRALIA**

Frequencies (Hz)	125	250	500	1000	2000	4000	8000	SLC 80
Attenuation (dB)								
Mean value	16.5	17.4	19.8	23.8	30.9	32.4	23.1	20
SD	7.8	5.8	5.6	6.6	4.8	3.0	9.5	
Mean-SD	8.6	11.6	14.1	17.2	26.1	29.4	13.6	Class 3

Tested in accordance with AS/NZS 1270-1999 by National Acoustic Laboratories, Australia.

➤ **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.

➤ **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 Canada*

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