

Datasheet Banded earplugs

Protection against noise

MOLDEX



6800 WaveBand® 2K

6810 WaveBand® 1K

●● **6825 / 6830** Replacement pods

Characteristics

WaveBand® 2K



WaveBand® 2K

The convenient option against intermittent noise throughout the day.



Reduced noise transmission

Dual material technology reduces noise transmission.



Rubber grip

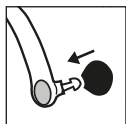
Soft anti-slip rubber grips allow easy on and off application.

WaveBand® 1K



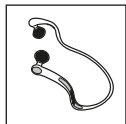
WaveBand® 1K

The cost effective option against intermittent noise throughout the day.



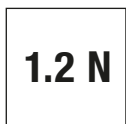
Replacement pods

Soft PU-foam pods for increased comfort – replaceable and hygienic.



Minimises annoying contact sounds

The band's design contours the face and avoids contact points.



1.2 N

Low band pressure

Only 1.2 N band pressure for high wearer comfort.



100% PVC-Free

All Moldex products and packaging are completely free from PVC.

Certification

The Moldex range of hearing protection products meet the requirements of EN 352 and are CE-marked in accordance with the requirements of EU regulation (EU)2016/425. Responsible for type examination (Module B): WaveBand® 1K: SGS Fimko Ltd. (0598) in Helsinki (Finland). WaveBand® 2K: SATRA Technology Europe Ltd. (2777) in Dublin (Ireland).

Responsible for monitoring of production (Module D): IFA (0121) in St. Augustin (DE).

The products are manufactured in an ISO 9001 certified plant.

Attenuation Data

The Moldex range of hearing protection products passes the EN 352-2 minimum attenuation requirements. The tables below show the full attenuation data for Moldex products.

WaveBand® 2K 6800												
Freq (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L	
m _t (dB)	27.8	27.0	23.6	22.6	33.6	41.6	42.0	28.4	30.9	24.5	24.6	
s _t (dB)	3.6	3.0	2.9	2.1	3.2	3.3	2.2	1.8	2.0	1.9	1.7	
APV _t (dB)	24.2	24.0	20.7	20.5	30.4	38.3	39.8	27	29	23	23	
Size: 9-14 / S, M, L								SNR = 27 dB				

WaveBand® 1K 6810												
Freq (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L	
m _t (dB)	25.6	21.9	20.3	22.5	30.5	40.3	42.9	26.4	29.2	22.9	21.8	
s _t (dB)	5.7	4.0	3.7	2.0	5.2	3.5	4.7	2.5	3.1	2.4	2.9	
APV _t (dB)	19.9	17.9	16.6	20.5	25.3	36.8	38.2	24	26	20	19	
Size: 9-14 / S, M, L								SNR = 24 dB				

m_t = Mean sound attenuation

s_t = Standard deviation

APV_t = Assumed protection value

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Materials

WaveBand® 2K : Polyurethane, Polyoxymethylene (POM), Thermoplastic Elastomere (TPE)

WaveBand® 1K: Polyurethane, Polyoxymethylene (POM)

Weight

WaveBand® 2K	WaveBand® 1K
6800: 17 g	6810: 12 g

Testing

The banded earplugs of the Moldex Hearing Protection range have been tested to EN 352-2 and fulfil all requirements of the relevant categories.

Flammability

The banded earplugs shall not ignite upon application of a heated rod, nor continue to glow after the removal of the heated rod.

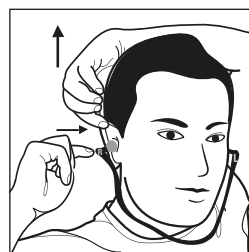
Construction

All parts of banded earplugs are designed and manufactured so that they are not liable to cause physical damage to the wearer when fitted and used according to the instructions.

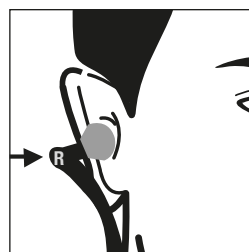
Instructions for fitting



1. Place band under chin and gently insert pods into ear canal.



2. Ensure tip of pod is located in ear canal. Grasp top of ear, pull upwards and gently push pod into ear.



Instructions For Use

- The products must be used in accordance with the relevant national legislation.
- Warning: disregarding the instructions for use and fitting instructions for these products can affect the product efficiency in protecting against noise.
- The products should be stored in a cool, dry environment.
- The products may be adversely affected by direct contact with certain chemical substances (e.g. aromatic hydrocarbons).
- The products are reusable provided the hygiene of the product is maintained between uses. Clean with mild soap and water.

Info

For help on selection and training please contact us. We offer a wide range of training packages and support material.

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