

# DATASHEET

## EARMUFFS

PROTECTION AGAINST NOISE



**M4 6110**

**Hygiene Kit 6115**

**M5 6120**

**M6 6130**

**Hygiene Kit 6135**

### CHARACTERISTICS

The Moldex "M Series" earmuffs are ideal to protect from intermittent noise – or for those who cannot achieve a safe and comfortable fit with earplugs.

All Moldex hearing products have been designed with the user in mind. High levels of comfort have been engineered into the products without compromising on protection.



#### 100% PVC-FREE

All Moldex products and packaging are completely free from PVC.

### CERTIFICATION

The Moldex "M Series" range of earmuffs meet the requirements of EN 352 and are CE-Marked in accordance with the requirements of European Directive 89/686/EEC.

FIOH (0403) in Helsinki (FIN) is responsible for type examination (Article 10).

The products are manufactured in an ISO 9001 certified plant.

### ATTENUATION DATA

The Moldex range of hearing protection products passes the EN352-1 minimum attenuation requirements. The tables below show the full attenuation data for Moldex products.

#### Minimum attenuation requirement (dB) EN352

Freq. (Hz)	125	250	500	1000	2000	4000	8000
A.P.V (dB)	5,0	8,0	10,0	12,0	12,0	12,0	12,0

#### M4 (6110)

Freq. (Hz)	125	250	500	1000	2000	4000	8000
M <sub>f</sub> (dB)	16,0	20,4	29,3	33,0	38,8	35,9	36,9
s <sub>f</sub> (dB)	2,7	2,7	2,9	2,4	2,6	3,4	3,2
A.P.V (dB)	13,3	17,7	26,4	30,6	36,2	32,5	33,7
Size: S/M/L	H = 34 dB		M = 27 dB		L = 20 dB		<b>SNR = 30 dB</b>

#### M5 (6120)

Freq. (Hz)	125	250	500	1000	2000	4000	8000
M <sub>f</sub> (dB)	20,7	23,8	32,5	38,9	41,2	42,9	42,9
s <sub>f</sub> (dB)	3,0	3,2	3,3	3,1	2,7	3,3	3,6
A.P.V (dB)	17,7	20,6	29,2	35,8	38,5	39,6	39,3
Size: S/M/L	H = 39 dB			M = 31 dB		L = 23 dB	
SNR = 34 dB							

#### M6 (6130)

Freq. (Hz)	125	250	500	1000	2000	4000	8000
M <sub>f</sub> (dB)	21,3	25,0	33,9	39,5	42,1	43,7	41,7
s <sub>f</sub> (dB)	2,3	2,7	3,3	3,7	3,4	3,5	2,9
A.P.V (dB)	19,0	22,3	30,6	35,8	38,7	40,2	38,8
Size: S/M/L	H = 39 dB			M = 32 dB		L = 25 dB	
SNR = 35 dB							

### MATERIALS

Moldex earmuffs and hygiene kit are made of the following materials:

**Cup:** ABS

**Cup foam insert:** Polyurethane

**Cushion:** TPE film, Polyurethane

**Cup yoke:** POM

**Head band:** TPE, stainless steel

**Head band cushion:** EVA

### WEIGHT

**M4 (6110):** 260 g

**M5 (6120):** 310 g

**M6 (6130):** 355 g

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### TESTING

The „M Series“ earmuffs have been tested to EN 352 and fulfil all requirements of the relevant categories.

#### **Ignitability**

The earmuffs will not ignite upon application of a heated rod, nor continue to glow after the removal of the heated rod.

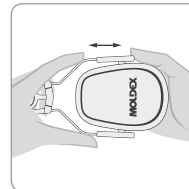
#### **Construction**

All parts of the earmuffs 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.

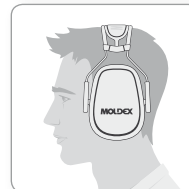
### INSTRUCTIONS FOR USE

- Avoid heat, moisture and direct sunlight for storage. Wipe clean with warm water and neutral cleaning agent; disinfect with standard disinfectant products.
- Wear hearing protection at all times in noisy environments.
- This product may be adversely affected by certain chemical substances - seek further information from the manufacturer.
- Fitting of hygiene covers may affect the performance of the product.
- Ear-muffs, and in particular cushions, may deteriorate with use. Examine at frequent intervals for cracking and leakage.
- The headband is made of steel and TPE, the cushions of TPE and PU foam.
- The Earmuffs must be fitted, adjusted, cleaned and maintained according with these instructions.
- If instructions are not followed the protection provided by the muffs will be severely impaired.

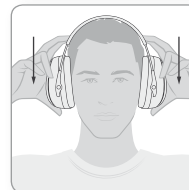
### INSTRUCTIONS FOR FITTING



1. Adjust cups

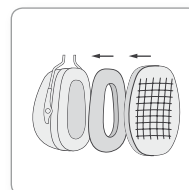


2. Position headband in the middle of head, cups need to cover the ears



3. Size adjustment: pull headband down

### INSTRUCTIONS FOR FITTING HYGIENE KIT (6115 + 6135)



Replace foam inserts and cushions (Part No. 6115 [M4], 6135 [M5, M6]) at least twice a year for hygiene and safety. Place the glossy side of the foam against the cup.

#### **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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