

 **7800:** Spark Plugs<sup>®soft</sup>  
 **7801:** Spark Plugs<sup>®soft</sup> Cord  
 **7802:** Spark Plugs<sup>®soft</sup> PocketPak  
 **7812:** Spark Plugs<sup>®soft</sup> Blister  
 **7809:** Spark Plugs<sup>®</sup> Detect

 **7400:** Contours<sup>®</sup>  
 **7403:** Contours<sup>®</sup> small  
 **7700:** Pura-Fit<sup>®36</sup>  
 **7705:** Pura-Fit<sup>®36</sup> to go  
 **6900:** Pura-Fit<sup>®36</sup> Cord

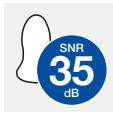
 **7600:** MelLows  
 As well as all PlugStations and  
 Refill Packs

## Characteristics



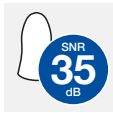
### Special foam formula

Soft comfortable material which when rolled becomes firm for easy insertion.



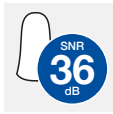
### Contours<sup>®</sup>/Contours<sup>®</sup> small

Extra comfortable shape adapts to the ear canal. Plug in 2 sizes.



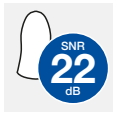
### Spark Plugs<sup>®soft</sup>

Appealing colours, tapered design.



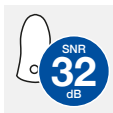
### Pura-Fit<sup>®36</sup>

Standard classic shape – bright green colour for easy compliance check.



### MelLows<sup>®</sup>

Protection against lower noise levels. Designed to keep the user in touch with the environment.



### Spark Plugs<sup>®</sup> Detect

An imbedded metal ball and the detectable cord make this plug fully detectable.



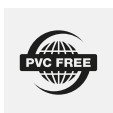
### Cords

Allows the user to hang the plugs around the neck during breaks.



### PocketPak<sup>®</sup>

Two pairs of Spark Plugs<sup>®soft</sup> in a practical storage container.



### 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 352-2 and are CE-marked in accordance with the requirements of EU regulation (EU)2016/425.

Responsible for type examination (Module B): “Spark Plugs<sup>®</sup>” and “Pura-Fit<sup>®36</sup>”: FIOH (0403) in Helsinki (Finland). “Contours<sup>®</sup>” and “MelLows<sup>®</sup>”: IFA (0121) in St. Augustin (DE).

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

The products are manufactured in an ISO 9001 certified plant.

According to the German regulation DGUV-Regel 112-194, “Spark Plugs<sup>®</sup>” and “Pura-Fit<sup>®36</sup>” fulfil the criteria “hearing of general warning signals” and “comprehensible speech”. “Pura-Fit<sup>®36</sup>” also fulfils the criteria “signal noise in road traffic”.

## 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.

### 7400, 7403

| Freq. (Hz)            | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
|-----------------------|------|------|------|------|------|------|------|------|
| M <sub>i</sub> (dB)   | 22.5 | 29.3 | 36.6 | 41.6 | 38.1 | 35.6 | 44.0 | 43.1 |
| s <sub>i</sub> (dB)   | 8.7  | 8.0  | 7.1  | 5.2  | 5.0  | 3.7  | 3.6  | 6.0  |
| APV <sub>i</sub> (dB) | 13.8 | 21.3 | 29.5 | 36.4 | 33.1 | 31.9 | 40.4 | 37.1 |

Size: 7400: 6-12, 7403: 5-10 H = 34 dB M = 33 dB L = 28 dB SNR = 35 dB

### 7800, 7801, 7802, 7812

| Freq. (Hz)            | 63** | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
|-----------------------|------|------|------|------|------|------|------|------|
| M <sub>i</sub> (dB)   | 36.0 | 36.0 | 36.7 | 39.0 | 36.0 | 37.0 | 46.7 | 44.6 |
| s <sub>i</sub> (dB)   | 6.0  | 6.0  | 6.1  | 6.5  | 5.9  | 4.9  | 3.2  | 3.8  |
| APV <sub>i</sub> (dB) | 30.0 | 30.0 | 30.6 | 32.5 | 30.1 | 32.1 | 43.5 | 40.8 |

Size: 6-12 H = 34 dB M = 32 dB L = 31 dB

SNR = 35 dB

\*\*EN ISO 4869-2:1995. 125 Hz test values are used.

## Datasheet Foam Earplugs

Protection against noise



### 7700, 7705, 6900

| Freq. (Hz)            | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
|-----------------------|------|------|------|------|------|------|------|------|
| M <sub>i</sub> (dB)   | 34.4 | 34.2 | 35.6 | 36.6 | 37.1 | 37.1 | 46.5 | 43.9 |
| s <sub>i</sub> (dB)   | 4.9  | 6.1  | 6.2  | 5.7  | 5.0  | 3.5  | 4.2  | 4.1  |
| APV <sub>i</sub> (dB) | 29.5 | 28.1 | 29.4 | 30.9 | 32.1 | 33.6 | 42.3 | 39.7 |

Size: 6–12 H = 35 dB M = 33 dB L = 31 dB SNR = 36 dB

### 7600

| Freq. (Hz)            | 63  | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
|-----------------------|-----|------|------|------|------|------|------|------|
| M <sub>i</sub> (dB)   | 8.3 | 12.0 | 16.7 | 21.4 | 27.0 | 30.7 | 38.6 | 44.1 |
| s <sub>i</sub> (dB)   | 5.6 | 5.0  | 6.8  | 6.9  | 5.7  | 5.4  | 7.2  | 6.9  |
| APV <sub>i</sub> (dB) | 2.7 | 7.0  | 9.9  | 14.5 | 21.3 | 25.3 | 31.4 | 37.2 |

Size: 6–12 H = 26 dB M = 18 dB L = 12 dB SNR = 22 dB

### 7809

| Freq. (Hz)            | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
|-----------------------|------|------|------|------|------|------|------|------|
| M <sub>i</sub> (dB)   | 30,9 | 33,7 | 33,8 | 37,4 | 36,2 | 36,0 | 46,0 | 46,5 |
| s <sub>i</sub> (dB)   | 8,1  | 9,8  | 10,0 | 10,2 | 8,6  | 6,4  | 4,5  | 3,8  |
| APV <sub>i</sub> (dB) | 22,8 | 23,9 | 23,8 | 27,2 | 27,6 | 29,6 | 41,5 | 42,7 |

Size: 7–12 H = 32 dB M = 28 dB L = 26 dB SNR = 32 dB

## Materials

|                                                                                                        |                                |
|--------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Contours<sup>®</sup>, Spark Plugs<sup>®soft</sup>, Pura-Fit<sup>®36</sup>, MelLows<sup>®</sup>:</b> | Polyurethane                   |
| <b>Spark Plugs<sup>® Detect</sup>:</b>                                                                 | Polyurethane, Metal (Iron)     |
| <b>Cord:</b>                                                                                           | Thermoplastic Elastomere (TPE) |
| <b>Cord Detect:</b>                                                                                    | TPE, Metal (Iron)              |
| <b>PocketPak:</b>                                                                                      | Polystyrene                    |

## Weight (per pair)

|                                                                |                            |
|----------------------------------------------------------------|----------------------------|
| <b>Contours<sup>®</sup>:</b>                                   | 1.8 g (7400); 1.2 g (7403) |
| <b>Spark Plugs<sup>®soft</sup>, MelLows<sup>®</sup>:</b>       | 1.3 g; 2.3 g (with Cord)   |
| <b>PocketPak<sup>®</sup>:</b>                                  | 6.1 g                      |
| <b>Pura-Fit<sup>®36</sup>, Spark Plugs<sup>® Detect</sup>:</b> | 1.3 g; 2.6 g (with Cord)   |

## Testing

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

### Ignitability

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

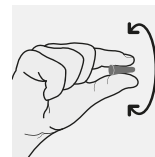
## Construction

All parts of the 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 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 for single use only

## Instructions for fitting



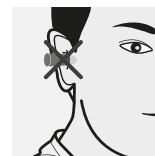
1. Roll the plugs between the finger and thumb to compress them for insertion.



2. Reach above the head and pull the ear gently upwards.



3. Slide the plug into the ear canal and hold in place for 5 seconds to let the plug expand and fill the ear.



## Info

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

### Moldex/Metric AG & Co. KG

Unit 9, Glaisdale Point  
Off Glaisdale Drive, Bilborough  
Nottingham. NG8 4GP  
Tel. +44 (0)115 985 4288  
Fax +44 (0)115 985 4211  
info@uk.moldex-europe.com

## Declaration of Conformity No. 7700 Rev B

PPE: Earplugs type hearing protector against harmful noise

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Moldex/Metric AG & Co. KG  
Tuebinger Straße 50  
72141 Walddorfhaeslach, Germany

Object of the declaration: **7700**

The object of the declaration is in conformity with the relevant Union harmonization legislation:  
(EU) 2016/425

Relevant harmonized standard: DIN EN 352-2:2002

The notified body FIOH - Finnish Institute of Occupational Health (Identification number 0403);  
Topeliuksenkatu 41 b, FI-00250 Helsinki, Finland performed the EU type-examination (Module  
B) and issued the EU-type-examination certificate: **18A0656FMS01**

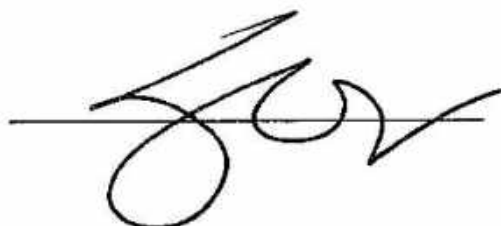
The PPE is subject to the conformity assessment procedure based on quality assurance of the  
production process (Module D) under surveillance of the notified body IFA (Identification number  
0121).

Signed for and on behalf of:

Moldex/Metric AG & Co. KG

Roman Skov

Joint Managing Director

A handwritten signature in black ink, appearing to be 'Roman Skov', written over a horizontal line.

Walddorfhaeslach, 05.04.2023