

Moldex Earplugs and Bands

The Moldex range of earplugs, bands and dispensing systems

- **Pura-Fit** - 7700, Pura-Fit Cord - 6900 • **Spark Plugs soft** - 7800, Spark Plugs soft (PocketPak) - 7802, Spark Plugs soft (Cord) - 7801 • **Mellows** - 7600
- **Rockets³⁰** - 6400, Rockets³⁰ Cord - 6401, Rockets Full Detect - 6409 • **Pura-Band** - 6600 • **Jazz-Band** - 6700, replacement pods 6750
- **Moldex Station:** Pura-Fit (250 pairs) - 7725, Pura-Fit (500 pairs) - 7750, Spark Plugs soft (250 pairs) - 7825, Spark Plugs soft (500 pairs) - 7850 Mellows (250 pairs) - 7625, Mellows (500 pairs) - 7650

Characteristics

The Moldex range of hearing protection products provide a wide range of options to cover all your hearing protection requirements.

From high attenuation ear plugs such as the "Pura-Fit" and "Spark Plugs soft", earplugs against lower noise level such as the "Mellows", reusable ear plugs such as the "Rockets" through to banded ear plugs, the "Jazz-Band" and "Pura-Band" for intermittent noise, all requirements are covered.

To ensure the Rockets Full Detect are fully detectable a metal indicator is embedded into the plug and the cord also contains metal.

All Moldex hearing products have been designed with the user in mind, and high levels of comfort have been engineered in to the products without compromising the optimal protection.

The products are available in basic paper or plastic wrappers, or "PocketPak" and "MoldexStation" for individual dispensing solutions.

Construction / Materials

Moldex Hearing Products are made of:

- Mellows = Polyurethane
- Pura-Fit, Spark Plugs soft = Polyurethane
- Rockets³⁰ = TPE, EVA
- Rockets Full Detect = TPE, EVA, Metal (Iron)
- Cord = TPE
- Cord (Rockets Full Detect) = TPE with metal
- Pura-Band = TPE, Polypropylene
- Jazz-Band = Polyurethane, Polycarbonate, Polyester-cord
- PocketPak [new] = SBC-Polymer [Polypropylene]
- MoldexStation = SBC-Polymer

Weights:

PURA-FIT (per pair):
7700: 1 g 6900: 2 g Mellows (per pair):
7600: 1 g

SPARK PLUGS SOFT (per pair):
7800: 1 g 7801: 2 g
7802: 9 g (two pairs including PocketPak)

ROCKETS (per pair):
6400: 2,4 g 6401: 3,9 g 6409: 3,9 g

JAZZ- BAND:
6700: 20 g

PURA- BAND:
6600: 11 g

Certification

The Moldex range of plugs and bands for hearing protection meet the requirements of EN352-2: and are CE-Marked in accordance with the requirements of European Directive 89/686/EEC

Responsible for type examination (Article 10):

"Spark Plugs soft": FIOH (0403) in Helsinki (FIN)

"Rockets": INSPEC (0194) in Wingrave (UK)

All other products: BGIA (0121) in St. Augustin (DE).

Attenuation Data

The Moldex range of hearing protection passes the EN 352-2 minimum attenuation requirements set out in the table below. The A.P.V values (M_f-S_f) of the ear-plugs and bands must exceed the data in the table. Below that is presented the full attenuation data tables for the Moldex products.

Mellows (7600)								
Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M _f (dB)	8.3	12.0	16.7	21.4	27.0	30.7	38.6	44.1
S _f (dB)	5.6	5.0	6.8	6.9	5.7	5.4	7.2	6.9
A.P.V (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	

Pura-Fit (7700), Pura-Fit Cord (6900)								
Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M _f (dB)	20.0	26.2	33.1	38.0	39.0	34.3	42.3	43.3
S _f (dB)	6.0	6.2	8.1	6.1	3.8	2.5	3.4	5.5
A.P.V (dB)	14.0	20.0	25.0	31.9	35.2	31.8	38.9	37.8
size: 6-12	H = 34 dB		M = 32 dB		L = 26 dB		SNR = 34 dB	

Spark Plugs soft (7800 / 7802), Spark Plugs soft Cord (7801)								
Freq. (Hz)	125	250	500	1000	2000	4000	8000	
M _f (dB)	36,0	36,7	39,0	36,0	37,0	46,7	44,6	
S _f (dB)	6,0	6,1	6,5	5,9	4,9	3,2	3,8	
A.P.V (dB)	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	

Rockets ³⁰ (6400), Rockets ³⁰ Cord (6401)								
Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M _f (dB)	31.3	32.0	30.4	31.9	32.4	34.5	42.0	41.8
S _f (dB)	5.7	8.2	7.2	8.8	6.6	4.8	3.1	3.6
A.P.V (dB)	25.6	23.8	23.2	23.1	25.8	29.7	38.9	38.2
size: 7-11	H = 31 dB		M = 26 dB		L = 24 dB		SNR = 30 dB	

Rockets Full Detect (6409)								
Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M _f (dB)	27.4	27.3	25.7	27.1	27.2	33.3	36.4	40.8
S _f (dB)	4.7	5.5	5.3	6.1	5.0	6.1	3.1	3.4
A.P.V (dB)	22.7	21.8	20.4	21.8	22.2	27.2	33.3	37.4
size: 7-11	H = 28 dB		M = 23 dB		L = 22 dB		SNR = 27 dB	

Jazz-Band (6700)								
Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M _f (dB)	24.8	25.1	21.4	19.2	23.3	29.4	35.8	35.7
S _f (dB)	3.9	4.2	3.1	4.0	3.5	5.1	5.2	6.1
A.P.V (dB)	20.9	20.9	18.3	15.2	19.8	24.3	30.6	29.6
size: 9-14	H = 25 dB		M = 19 dB		L = 18 dB		SNR = 23 dB	

Pura-Band (6600)								
Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M _f (dB)	23.7	23.8	22.4	18.0	21.3	28.6	37.3	30.1
S _f (dB)	6.5	5.2	4.5	4.4	3.5	3.5	4.9	7.6
A.P.V (dB)	17.2	18.6	17.9	13.6	17.8	25.1	32.4	22.5
size: 6-13	H = 24 dB		M = 18 dB		L = 17 dB		SNR = 22 dB	

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Testing

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

• Ignitability

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

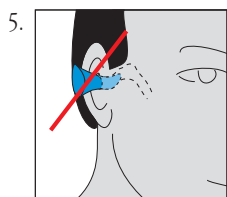
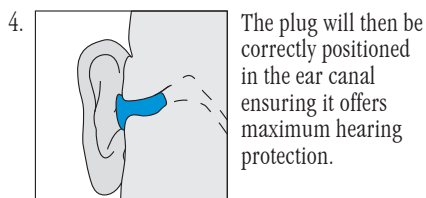
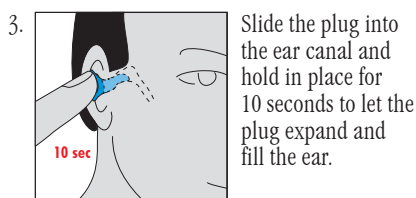
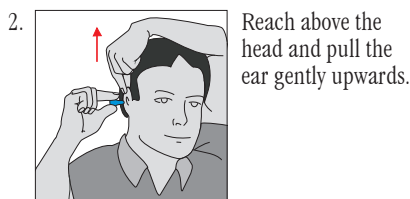
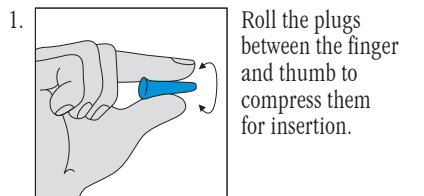
• Construction

All parts of the ear plugs and banded ear plugs 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.

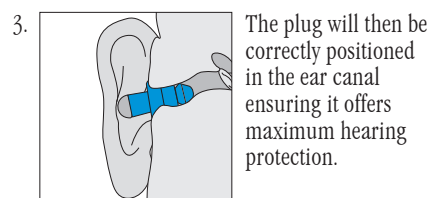
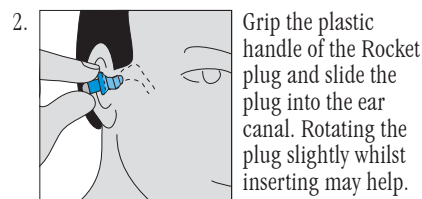
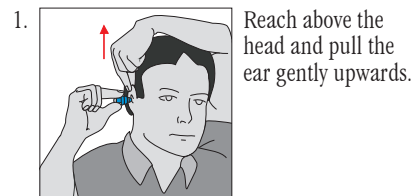
Instructions For Use

- The plugs and banded plugs 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. aromatical hydrocarbons).
- "MelLows", "Pura-Fit" and "Spark Plugs soft" are for single use only.
- "Rockets", "Jazz-Band" and "Pura-Band" are reusable provided the hygiene of the product is maintained between uses. Clean with mild soap and water.

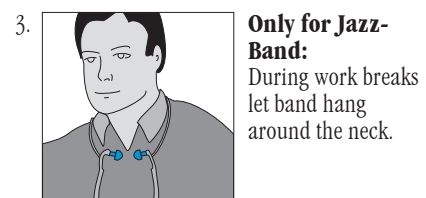
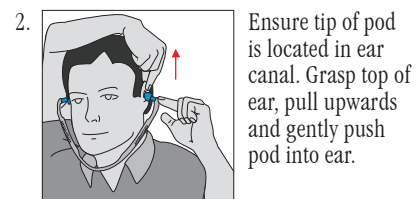
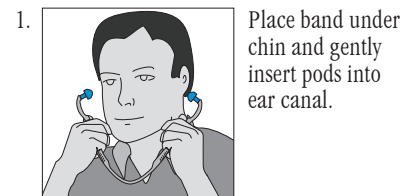
Instructions For Fitting "MelLows", "Pura-Fit" and "Spark Plugs soft"



Instructions For Fitting "Rockets"



Instructions For Fitting "Pura-Band" and "Jazz-Band"



INFO:

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