

# Datasheet

## Reusable earplugs

Protection against noise



	<b>Rockets</b>	<b>6400</b>
	<b>Rockets Cord</b>	<b>6401</b>
	<b>Rockets Full Detect</b>	<b>6409</b>

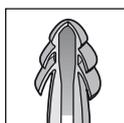
	<b>Comets</b>	<b>6420</b>
	<b>Comets Cord</b>	<b>6421</b>

### CHARACTERISTICS



#### Washable

Plugs made of soft durable material – washable and hygienic.



#### Comfortable Seal

Air bubble in the tip and soft material provides a comfortable seal.



#### Cords

Allows the plugs to be worn around the neck.



#### Rockets

A solid handle ensures easy insertion and maximum comfort, at a high protection level.



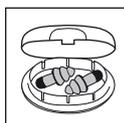
#### Rockets Full Detect

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



#### Comets

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



#### PocketPak

All reusable plugs come with the practical one pair 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 EN352-2 and are CE-Marked in accordance with the requirements of European Directive 89/686/EEC. Responsible for type examination (Article 10):

“Rockets”, “Rockets Cord” and “Rockets Detect”: INSPEC (0194) in Manchester (UK);  
 “Comets” and “Comets Cord”: IFA (0121) in St. Augustin (DE).

According to the German regulation BGR 194, “Rockets”, “Rockets Cord” and “Rockets Detect” fulfil the criteria “hearing of warning signals in general”, “speech comprehensibility” and “signal hearing in track-system and road traffic possible”.

### ATTENUATION DATA

The Moldex range of hearing protection products passes the EN352-2 minimum attenuation requirements. The tables below show the full attenuation data for Moldex products.

#### Rockets<sup>30</sup> 6400 / Rockets<sup>30</sup> Cord 6401

Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M <sub>p</sub> (dB)	31.3	32.0	30.4	31.9	32.4	34.5	42.0	41.8
s <sub>p</sub> (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		<b>SNR = 30 dB</b>	

#### Rockets Full Detect 6409

Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M <sub>p</sub> (dB)	27.4	27.3	25.7	27.1	27.2	33.3	36.4	40.8
s <sub>p</sub> (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	21.0	22.2	27.2	33.3	37.4
Size: 7-11	H = 28 dB		M = 23 dB		L = 22 dB		<b>SNR = 27 dB</b>	

#### Comets 6420 / Comets Cord 6421

Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
M <sub>p</sub> (dB)	26.1	24.6	24.0	24.2	25.2	33.1	32.8	41.6
s <sub>p</sub> (dB)	3.5	4.0	3.2	5.0	4.3	5.9	7.2	6.3
A.P.V (dB)	22.6	20.6	20.8	19.2	20.9	27.2	25.6	35.3
Size: 8-11	H = 26 dB		M = 22 dB		L = 21 dB		<b>SNR = 25 dB</b>	

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### MATERIALS

Rockets, Rockets Cord:	Thermoplastic Elastomere (TPE), Ethylene-vinyl acetate (EVA)
Comets, Comets Cord:	TPE
Rockets Full Detect:	TPE, EVA, Metal (Iron)
PocketPak:	Polypropylene

### WEIGHT

<b>Rockets (per pair)</b>			
6400: 2,4 g	6401: 3,9 g	6409: 3,9 g	
<b>Comets (per pair)</b>			
6420: 1,7 g	6421: 3,1 g		
<b>PocketPak:</b>	6,6 g		

### TESTING

The earplugs of the Moldex Hearing Protection range have been tested to EN352-2 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.

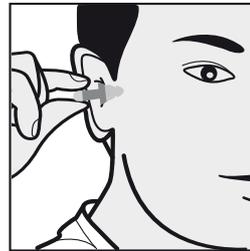
### INSTRUCTIONS FOR USE

- 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 reusable provided the hygiene of the product is maintained between uses. Clean with mild soap and water.

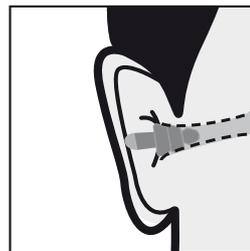
### INSTRUCTION FOR FITTING "ROCKETS"



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



2. Grip the plastic handle of the Rocket plug and slide the plug into the ear canal. Rotating the plug slightly whilst inserting may help.

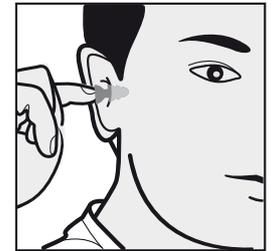


3. The plug will then be correctly positioned in the ear canal ensuring it offers maximum hearing protection.

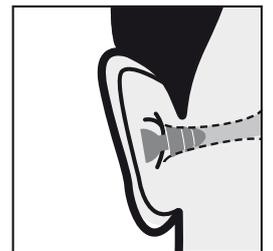
### INSTRUCTION FOR FITTING "COMETS"



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



2. Slide the plug into the ear canal. Rotating the plug slightly whilst inserting may help.



3. The plug will then be correctly positioned in the ear canal ensuring it offers maximum hearing protection.

### 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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