

Datasheet Reusable Earplugs

Protection against noise



6400 Rockets®



6401 Rockets® Cord



6409 Rockets® Full Detect



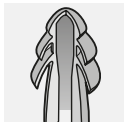
6421 Comets® Cord

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.



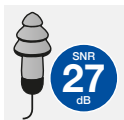
Cords

Allows the plugs to be worn around the neck.



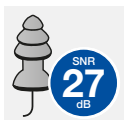
Rockets®

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

Responsible for type examination (Module B): "Rockets®", "Rockets® Cord" and "Rockets® Full Detect": SGS Fimko Ltd. (0598) in Helsinki (Finland). "Comets® Cord": 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, "Comets® Cord", "Rockets®", "Rockets® Cord" and "Rockets® Full Detect" fulfil the criteria "hearing of general warning signals", "comprehensible speech" and "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.

Rockets® 6400/6401											
Freq (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L
m _t (dB)	32.0	30.4	31.9	32.4	34.5	42.0	41.8	34.1	34.8	31.8	30.9
s _t (dB)	8.2	7.2	8.8	6.6	4.8	3.1	3.6	5.0	3.9	6.0	6.6
APV _t (dB)	23.8	23.2	23.1	25.8	29.7	38.9	38.2	29	31	26	24
Size: 7-11								SNR = 29 dB			

Rockets® Full Detect 6409											
Freq (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L
m _t (dB)	27.3	25.7	27.1	27.2	33.3	36.4	40.8	30.6	32.0	27.8	26.7
s _t (dB)	5.5	5.3	6.1	5.0	6.1	3.1	3.4	3.8	3.6	4.4	5.0
APV _t (dB)	21.8	20.4	21.0	22.2	27.2	33.3	37.4	27	28	23	22
Size: 7-11								SNR = 27 dB			

Comets® 6421											
Freq (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L
m _t (dB)	26.0	25.8	27.7	26.5	30.3	33.9	40.2	29.5	29.9	27.0	26.1
s _t (dB)	4.2	4.6	3.2	3.4	6.0	5.1	7.7	2.9	4.0	2.8	2.7
APV _t (dB)	21.8	21.2	24.5	23.1	24.3	28.8	32.5	27	26	24	23
Size: 8-11								SNR = 27 dB			

m_t = Mean sound attenuation
s_t = Standard deviation
APV_t = Assumed protection value

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Protection against noise

MOLDEx

Materials

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

Weight

Rockets® (per pair)

6400: 2.4 g 6401: 3.5 g 6409: 3.8 g

Comets® Cord (per pair)

6421: 3.1 g

PocketPak®:

6.6 g

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.

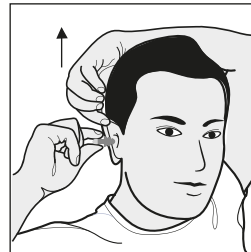
Construction

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.

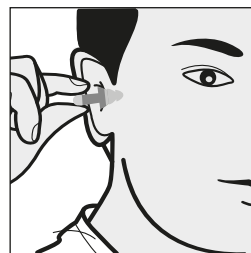
Instructions For Use

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

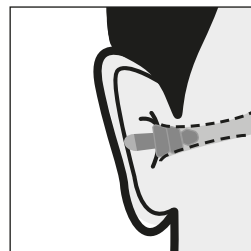
Instruction For Fitting Rockets®



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.

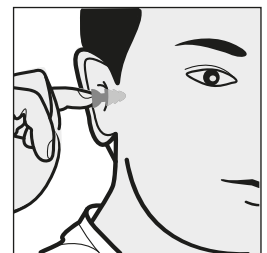


3. The plug will then be correctly positioned in the ear canal ensuring it offers maximum hearing protection.

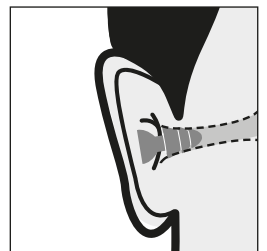
Comets®



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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

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