

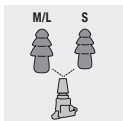


6461 Impuls Plugs
[two sizes and neck cord included]



Optional Cord

Characteristics



Size Options

Two sizes included for a perfect fit.



Washable

Plugs made of soft durable material – washable and hygienic.



Comfortable Seal

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



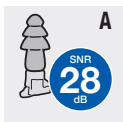
Cords (optional)

Allows the plugs to be worn around the neck.



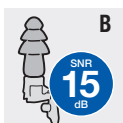
Impuls Plugs

Dual-mode hearing protection for impulse noise.



Cap closed

CE-certified hearing protection, especially suited for impulse noise.



Cap open

No hearing protector according to EU regulation 2016/425 PPE, minimum requirements of EN 352 not fulfilled. Enhanced situational awareness and improved speech intelligibility.



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): "Impuls Plugs": AUVA (0511) in Vienna (Austria). Responsible for monitoring of all products (Module D): IFA (0121) in St. Augustin (DE). The products are manufactured in an ISO 9001 certified plant.

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.

Impuls Plugs 6460 (M/L)/6463 (S) – Cap closed (A)												
Freq (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L	
m_f (dB)	29.0	28.7	29.2	29.3	32.1	28.3	27.4	29.6	28.8	29.1	28.8	
s_f (dB)	3.3	2.7	2.5	2.7	3.0	2.8	3.2	1.8	2.1	2.0	1.6	
APV_f (dB)	25.7	26.0	26.7	26.6	29.1	25.4	24.2	28	27	27	27	
Size M/L: 7-12; S: 6-10								SNR = 28 dB				

Impuls Plugs 6460 (M/L)/6463 (S) – Cap open (B)*												
Freq (Hz)	125	250	500	1000	2000	4000	8000	SNR	H	M	L	
m_f (dB)	7.1	7.9	12.1	19.0	24.1	25.5	23.4	18.1	22.6	15.4	10.5	
s_f (dB)	3.8	4.1	4.1	4.4	4.3	3.5	3.9	3.1	3.2	3.4	3.5	
APV_f (dB)	3.3	3.7	8.0	14.5	19.8	22.0	19.5	15	19	12	7**	
Size M/L: 7-12; S: 6-10								SNR = 15 dB				

***Cap open (B):** no hearing protector according to EU regulation 2016/425 PPE, minimum requirements of EN352 not fulfilled

Impulse Peak Insertion Loss (IPIL) – ANSI S12.42-2010 performed on Moldex Battleplugs / Test ID Q3229A

Impuls Plugs 6460 (M/L)/6463 (S)	IPIL in dB
132 dB Overall Average PIL	25.0
150 dB Overall Average PIL	32.3
168 dB Overall Average PIL	37.0

m_f = Mean sound attenuation
 s_f = Standard deviation
 APV_f = Assumed protection value

** Minimum sound attenuation requirement (EN 352-2, chapter 4.3.6, table 1):
 H 12 dB; M 11 dB; L 9 dB

Datasheet Reusable Earplugs

Protection against noise

MOLDEx

Materials

Soft part:	Thermoplastic Elastomere (TPE)
Handle:	Polypropylene (PP)
Cord:	Polyester (PES)
PocketPak®:	Polypropylene (PP)

Weight

Impuls Plugs (per pair)

Size M/L:	3.1 g
Size S:	2.9 g

Cord:

1.0 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.

Warning: Minimum attenuation is not met – in open cap position this is not considered hearing protector in accordance to EN 352-2. See fig. B: Open cap SNR = 15 dB.

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.

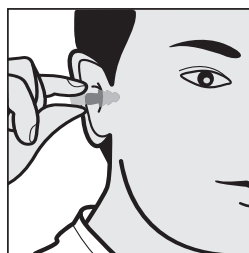
Instructions For Use

- 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.
- The channel inside the earplug must be free of earwax or dirt.

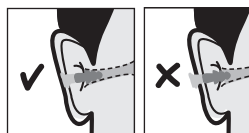
Instruction For Fitting Impuls Plugs



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

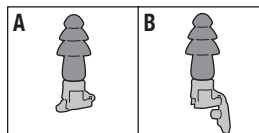
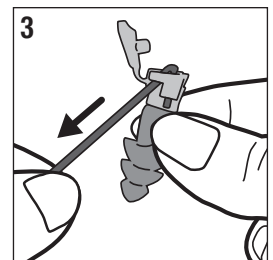
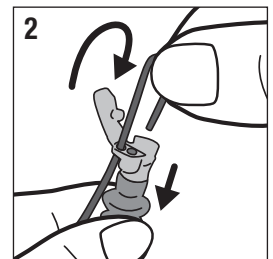
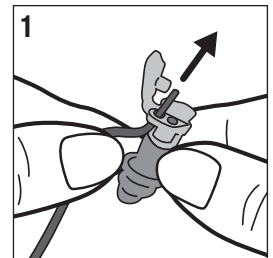


2. Grip the plastic handle of the Impuls Plug and slide the plug into the ear canal. Rotating the plug slightly whilst inserting may help.



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

Attaching Cord



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
www.moldex-europe.com
info@uk.moldex-europe.com