

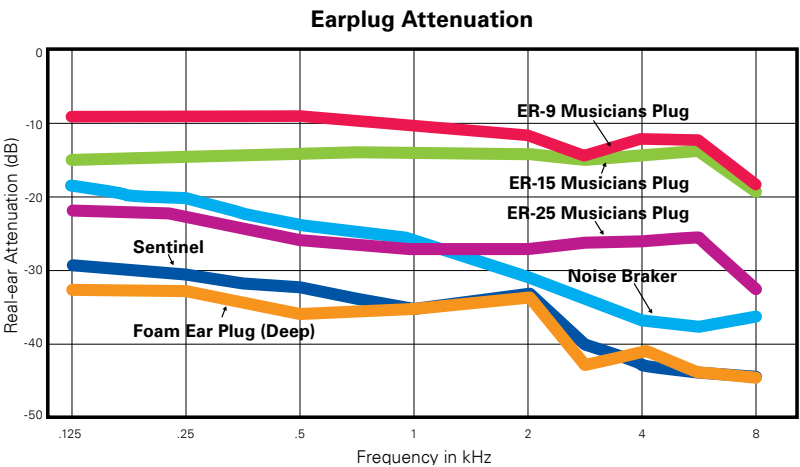
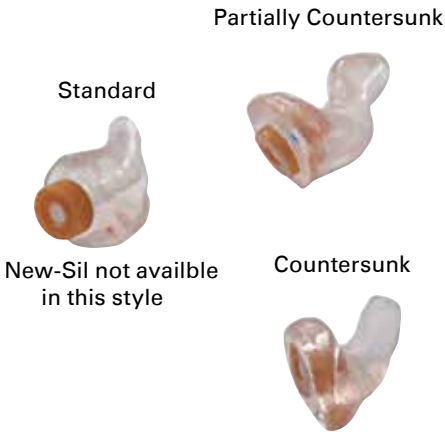
MUSICIAN PLUGS



ER MUSICIAN PLUGS

ER-9, ER-15, ER-25

- Attenuation levels 9, 15 and 25
- Standard style is a Formaseal canal mold with the filter snapping into a vinyl ring. Can also be countersunk and partially countersunk
- Flat response with attenuation for environments not over 105 dB
- Formaseal is most commonly used although New-Sil or Silicone can also be used
- The standard filter colour is clear but red, blue, brown and beige filters are available upon request



ADDITIONAL MOLDS

SWIM MOLDS

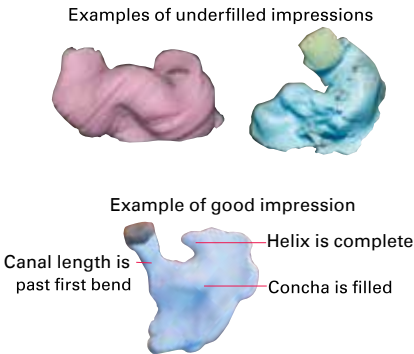
- Made of New-Sil material to provide best sealing qualities to keep most water out
- Swim molds are not guaranteed to be 100% leak proof
- Can be made floatable and non-floatable
- Can be made in a variety of colours
- Come with handles and string as standard option
- Floatable molds are a pastel colour only (black, red and sparkles not available in floatable)



IMPRESSIONS

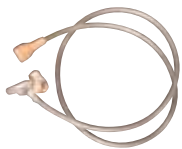
Tips for making a good impression

- Use good quality impression material
- Make sure the impression material is mixed properly
- Make sure the entire concha is filled regardless of style being ordered
- Make sure there is good length to the canal
- Do not press on the impression material after filling the ear or while it is drying
- Check the impression to see if the patient's ear will accommodate the earmold/hearing aid you are asking for
- The earmold will only be as good as the impression it is made from



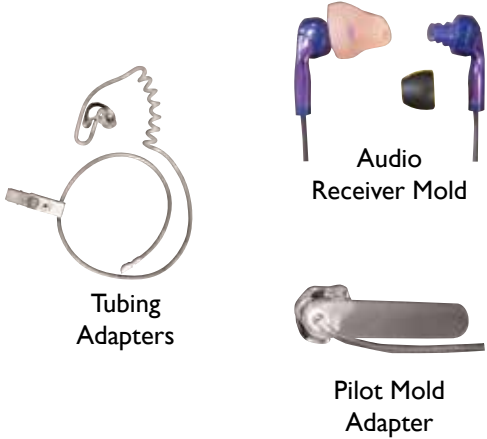
LISTENING MOLD

- #2 Skeleton earmold made of Acrylic
- At the end of the #13 tubing is a #420A listening cup which fits over the earmold, hearing aid, or whatever you wish to monitor
- Excellent choice for audiologists, hearing aid specialists, lab technicians, school teachers and others



COMMUNICATION EARMOLDS

- Can be used for various audio listening devices including police headsets, two way radios, etc.
- Other uses include custom earmolds for pilots, police communicators, etc.



SENNHEISER KIT

- Custom sleeves friction fit to Sennheiser headset
- Headsets available in Android and iPhone options

TUBING OPTIONS

#13 Tubing
Available in regular, heavy wall and super heavy wall thicknesses. (Standard is #13HW).

Gold Tube Lock System
A tubing system that uses a brass retention ring to hold the tube in position in the earpiece. Designed for soft materials. Not recommended for silicone.

Dri Tube
Specially formulated tube helps prevent moisture buildup caused by humidity or perspiration. Available in #13 and #13HW.

Plastic Tube Lock System
A tubing system that uses an acrylic retention ring to hold the tube in position in the earpiece. Designed for all soft materials. Easily replaced without damage to silicone.

Horn Tubing
Uses the horn effect to increase gain in the high frequency region. Available in 3 mm and 4 mm diameter.

Pediatric Tube System
System uses a #16 tube glued into a #13 tube which is held place with a plastic tube lock. System is acoustically invisible. Ideal for fitting small, narrow canals where the tubing must go to the end of the sound bore. Available in Silicone and New-Sil only.

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EARMOLD
DESIGN
*Making Quality Handcrafted
Earmolds for Over 35 Years*

At Earmold Design (EDI) we know that every ear is unique. We are passionate about superior performance, superior comfort and superior fit. EDI earmolds and you: **the perfect fit.**

CUSTOM EARMOLDS FOR HEARING AIDS



- #1 Special**
- Fills the entire ear
 - Material is thick and not sculpted
 - Can be made from all available materials
 - Designed for severe to profound losses
 - Good for individuals who require an optimal acoustic seal due to severity of their loss and the power required from their hearing aids



- #3 Full Shell**
- Fills the entire ear but is slightly sculpted
 - Designed for moderate to severe hearing losses
 - Can be made from all available materials
 - Can be ordered thick with less sculpting
 - Can be vented
 - Can be made with a helix lock for better retention
 - Good for children and more severe profound losses



- #5 ¼ Skeleton (Canal Lock)**
- Solid canal portion with a small tail in the lower portion of the concha rim for retention
 - Can be made from all available material
 - Can be vented
 - Designed for mild to severe hearing losses
 - Good for individuals who do not require full retention
 - Good for dexterity issues



- Canal**
- Solid canal portion
 - Can be made from all available material
 - Can be vented
 - Designed for mild to severe hearing losses
 - Not good for individuals with small, narrow or short ear canals



- Thin Tube Earmolds**
- Earmolds made specifically for Slim Tubes
 - Can be made in the following styles: Mini Canal, Canal, Skeleton, Shell, Half-Skeleton, Canal Lock, Half-Shell
 - Can be made from the following material: Lucite, New-Sil, Formaseal, Silicone and Shor 70
 - Can be vented
 - Designed for mild to moderate hearing losses
 - Good option for individuals who have retention or fit issues with instant fit dome solutions



- Can be made for most manufacturers tubes in hard and soft. A sample of the tube must be sent with the impressions for drilling purposes. The tubes will be friction fit.

- #2 Skeleton**
- Fills entire ear for retention with centre section removed to make it lighter in weight for comfort
 - Can be made from all available materials
 - Can be vented
 - Designed for mild to severe hearing losses
 - Good for a wide range of applications
 - Good for dexterity issues



- #4 Half-Skeleton**
- Solid canal portion with helix and tail in lower portion of the concha rim
 - Can be made from all available materials
 - Can be vented
 - Designed for mild to severe hearing losses
 - Good for individuals who do not require full retention and/or have a convex ear bowl
 - Good for dexterity issues



- #5½ Half-Shell**
- Solid material that fills half the concha bowl
 - Can be made from all available materials
 - Can be vented
 - Designed for mild to severe hearing losses
 - Good option for individuals with helix problems
 - Good for dexterity issues



- RITE Earmolds**
- Earmolds made specifically for receiver in the ear products
 - Can be made in the following styles: Mini Canal, Micromold, Powermold, Lite Tip, Canal, Skeleton, Shell, Half-Skeleton, Canal Lock and Half-Shell
 - Can be made from the following materials: Lucite, New-Sil, Formaseal, Silicone and Shor 70
 - Mold style will be determined by receiver type
 - Can be vented
 - Designed for mild to severe hearing losses
 - Good option for individuals who have retention or fit issues with instant fit dome solutions
 - Can be made for most manufacturers receivers in soft. A sample of the receiver must be sent with the impressions for drilling purposes. The receivers will be friction fit.

MATERIAL CHARACTERISTICS



- Lucite**
- Acrylic material
 - Produces a hard-texture earmold
 - High durability
 - Good for acoustic and fit modifications
 - No shrinkage
 - Not hypoallergenic
 - Standard colour is tinted pink but can be coloured or clear
 - Use cement to adhere tubing
 - Easy to modify in office



- Formaseal**
- PVC material
 - Produces a soft textured mold
 - High durability
 - Some shrinkage
 - Not hypoallergenic
 - Standard colour has pinkish tinge but can be tinted. Colours will look like stained glass
 - Can use cement to adhere tubing or can use metal tube locks



- Polyethylene**
- Plastic material
 - Produces a semi rigid mold with a wax-like texture
 - Moderate durability
 - No shrinkage
 - Our most hypoallergenic mold
 - Standard colour is an opaque white. Cannot be coloured and does not stain.
 - Tubing is friction fit using a push/pull elbow



- Flex Canal**
- Combination of heat cured lucite and silicone (canal)
 - Produces an earmold with a hard textured concha and soft textured canal
 - High durability
 - No shrinkage
 - Low allergy
 - Standard colour is transparent pink with flesh coloured canal. Cannot be coloured
 - Use cement to adhere tubing to the lucite portion



- Heat-Cured Lucite**
- Lucite material that is heat cured
 - Same properties as lucite
 - Reduced chance of allergic reactions
 - Standard colour is clear and can be tinted pink but not coloured
 - Use cement to adhere tubing



- New-Sil**
- High grade silicone
 - Produces the softest textured earmold
 - Moderate durability
 - No shrinkage
 - Reduced chance of allergy when made in translucent clear
 - Standard colour is translucent but can be coloured or made in flesh tint
 - Tubing cannot be glued but must be friction fit with plastic or gold tube locks
 - Moderately difficult to modify in office due to softness
 - Blue and green Glow (glow-in-the-dark) colours available (appears white in normal light and glows green or blue in the dark)



- Silicone**
- Medical grade material
 - Produces a soft textured earmold
 - High durability
 - No shrinkage
 - Standard colour is opaque pink tint. Cannot be coloured
 - Tubing cannot be glued but is friction fit with tube locks
 - Difficult to modify in office due to softness

ACCOUSTICALLY TUNED MOLDS

Accoustically Tuned Molds

- Various shapes but are intended to be an open fit mold
- Designed for CROS/BICROS and high frequency hearing loss applications
- Recommended material for these molds is Lucite
- Can be used with regular tubes and thin tubes



2HF



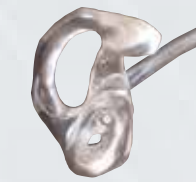
IROS Mold



2HF with Bridge



2HF with Extension



Sound Separator/
Sound Separator
Extended



2HF with
Bridge
and Extension



Free Field

CUSTOM HEARING PROTECTION



- Sentinel***
- NRR 26 (Class A, AL)
 - Full concha earmold style
 - New-Sil is recommended material although can also be made from Formaseal, Acrylic or Silicone
 - Choice of colours
 - Can be made with handles and cords (not standard)
 - Intended for industry and recreation



- Sleep Plugs**
- Half shell (recommended) style ear mold which is underfilled to provide a more comfortable fit while sleeping. Sculpted full shell is available
 - Can have Noisebraker filter added
 - Will not provide significant attenuation. Designed to remove the “sharpness” of sounds while keeping the user connected to their environment
 - New-Sil is recommended although can also be made from Formaseal or Silicone



- Noisebraker***
- NRR 20 (Class B)
 - Full concha earmold style containing Noise Reduction filter
 - New-Sil is recommended although can also be made from Formaseal, or Silicone

NRR Ratings: Please note that Noise Reduction Ratings are based on mean attenuation values. Earmold fit, style and improper insertion will reduce these values. To determine exact ear specific attenuation levels, real ear measurements are recommended.

