Selecting and ordering earmolds

Tips for venting selection

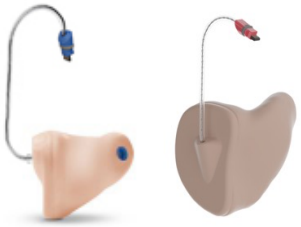
To maximize hearing aid processing benefit, please use the most comfortable closed coupling method available

General guidelines that can be followed if closed coupling fitting is not tolerated by the client

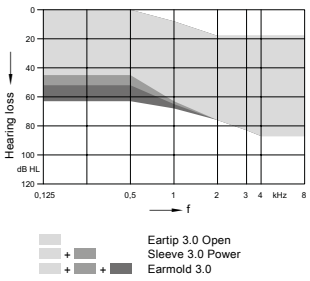
- Normal hearing below 1kHz: 3.0mm vent is recommended
- Mild hearing loss below 1kHz: 2.0-2.5mm vent is recommended
- Moderate hearing loss below 1kHz: 1.3-1.6mm vent is recommended
- Severe hearing loss below 1kHz: pressure or no vent is recommended
- Profound hearing loss below 1kHz: no vent/ closed fitting is recommended

Receiver strength recommendations based on general audiogram

- S receiver (110/46) covers hearing loss up to 50dB in the low frequencies and 80dB in the high frequencies*
- M receiver (119/60) covers hearing loss up to 70dB in the low frequencies and 95dB in the high frequencies*
- P receiver (122/65) covers hearing loss up to 90dB in the low frequencies and 105dB in the high frequencies*
- HP receiver (131/75) covers hearing loss up to 100dB in the low frequencies and 115dB in the high frequencies*
  The HP form factor is a unique receiver type that is built with a custom shell and faceplate in flesh-tone colors.

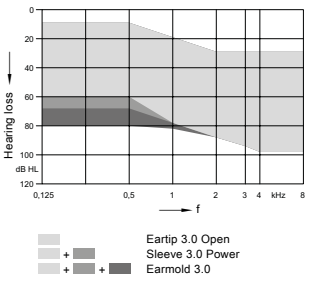


46/110 – S-Receiver



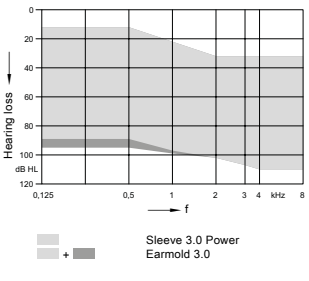
Eartip 3.0 Open
Sleeve 3.0 Power
Earmold 3.0

60/119 – M-Receiver



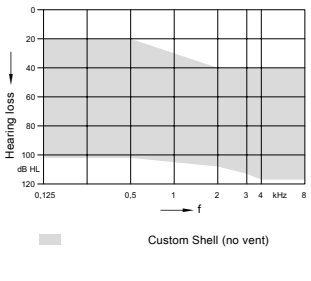
Eartip 3.0 Open
Sleeve 3.0 Power
Earmold 3.0

65/122 – P-Receiver



Sleeve 3.0 Power
Earmold 3.0

75/131 – HP-Receiver



Custom Shell (no vent)

*Assumes sensorineural hearing loss. More gain may be needed when a conductive component is present

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Material selection

Acrylic

- Ideal for seniors as the outer ear becomes softer with age. Harder materials are less likely to pull on softer skin
- Durable, long lasting and not apt to discolor and change over time
- Easy to clean
- Easy to modify in the office

Silicone

- Ideal for young children with growing ears and active patients
- May offer better retention

Style selection

RIC
The RIC and RIC Lock are the most cosmetically appealing options.

RIC Lock
The RIC and RIC Lock are the most cosmetically appealing options. The difference is that the RIC lock comes with a canal lock.

Foil RIC
Anytime the word "Foil" is used, that means the inside of the mold is hollowed out and the earmold will accommodate receiver strengths for which it was not built. This is great for users on the borderline of fitting ranges, or for those whose hearing loss will progress.

RIC Foil Lock
Anytime the word "Foil" is used, that means the inside of the mold is hollowed out and the earmold will accommodate receiver strengths for which it was not built. This is great for users on the borderline of fitting ranges, or for those whose hearing loss will progress. The canal lock is built larger in the concha area than the RIC models.

Canal
The canal models, canal, canal foil, canal foil lock are built larger in the concha area than the RIC models.

Canal Lock
The canal models, canal, canal foil, canal foil lock, canal lock are built larger in the concha area than the RIC models.

Canal Foil
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Canal Foil Lock
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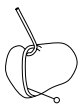
Half Shell
Half-shell earmolds cover only half of the concha bowl.

Helix Lock
Helix locks have a small extension out of the canal along the top of the concha to the helix for better retention.



Half Shell Foil
Anytime the word "Foil" is used, that means the inside of the mold is hollowed out and the earmold will accommodate receiver strengths for which it was not built. This is great for users on the borderline of fitting ranges, or for those whose hearing loss will progress.

Full Shell
Full-shell earmolds generally cover the entire concha bowl and provide a nice acoustic seal.

Skeleton
Skeleton earmolds have a hollow center but sit in the concha bowl like full shell. These molds have a more cosmetic-friendly appearance and often are more comfortable.

Skeleton Foil
Anytime the word "Foil" is used, that means the inside of the mold is hollowed out and the earmold will accommodate receiver strengths for which it was not built. This is great for users on the borderline of fitting ranges, or for those whose hearing loss will progress.

¾ Skeleton
For ¾ Skeleton the rim of material in the concha bowl area is reduced to ¾ lock.

½ Skeleton
For ½ Skeleton the rim of material in the concha bowl area is reduced even further to 1/2 lock.

Semi Skeleton
The semi skeleton earmold removes part of the outer lock and leaves the final mold with a lower canal and helix lock.

Note: Earmolds will ship with RIC when ordered together.

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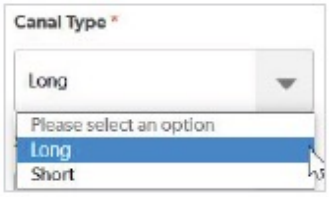
Canal type selection for acrylic RIC 3.0 earmolds

Acrylic RIC 3.0 earmolds have two choices for canal type, long or short. These choices determine the canal lengths available as well as the wax guard configuration.

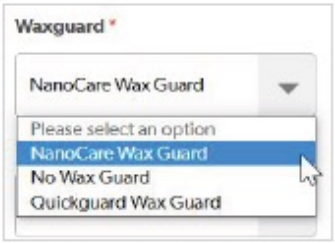
Long

1 **Select Long Canal Type**



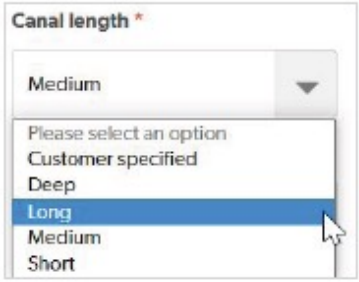
2 **Select Wax Guard preference for Earmold** (3 options)

Choosing the NanoCare Wax Guard ensures that both the miniReceiver 3.0 and RIC Earmold use the same wax guards. Ease of use for you and your patients.



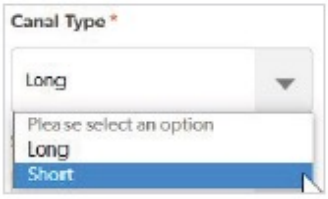
Auto default is NanoCare Wax Guard.
The miniReceiver 3.0 uses the NanoCare Wax Guard.

3 **Select Canal Length** (5 options)



Short

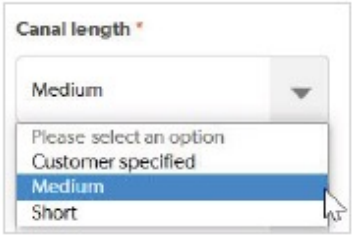
1 **Select Short Canal Type**



2 **Select Wax Guard Option** (1 option)

NanoCare Wax Guard is the only option for Short Canal type.
The miniReceiver 3.0 uses the NanoCare Wax Guard.

3 **Select Canal Length** (3 options)



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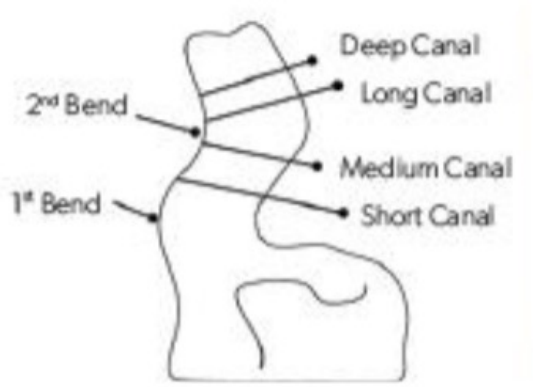
Canal lengths defined



Good impressions lead to good fittings:

Complete impression, at least 2mm past the second bend and free of voids

Consider ear anatomy and size for earmold and receiver strength options

BTE tubing options

Standard tubing in single bend or double bend

Single Bend

Double Bend

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Standard tubing size is indicated by the outside diameter of the tubing:

3.1 = standard size. For mild or moderate hearing loss

3.3 = thick tubing. For severe to profound hearing loss

3.6 = heavy walled tubing. For profound hearing loss

Dry tube

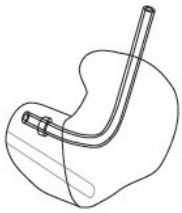
A dry tube option is available in all diameters, thicknesses and single or double bend options. The dry tube is useful for clients who present with moisture accumulation in the standard tubing. Dry tube is porous, yet acoustically transparent material, that allows moisture to evaporate naturally.

Quick-connect tubing system

The quick-connect tubing system requires no glue, so it is not necessary to ream the earmold when replacing the tubing. This system also allows the tubing to turn in the earmold providing a more natural tubing position for your client. The quick-connect tubing system is offered for all standard BTE earmolds, both acrylic and silicone.

Tube lock

A tube lock tube is default on all silicone earmolds ordered with standard tubing. This system eliminates the need for glue, making the replacement of tubing quick and easy. The lock mechanism is a clear plastic ring which does not discolor with age.



ThinTube 3.0

The improved bending of the tubing and outlet preserves the acoustic coupling in the ear canal, prevents lateral migration, and reduces the need for a concha lock.