



# Custom Earmold Catalog

*CustomFit. CustomStyle. CustomCare.™*

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## MONIKA MAJOR

Monika Major, CEO/President Microsonic Inc. with father and company founder, Miklos Major.

Dearest Customer,

My name is Monika Major and I would like to share my story with you. When I was young, my father worked very long hours in his earmold laboratory in Ambridge, PA ... so on the weekends I would 'tag-along' with him to the lab. Initially, I went just so I could spend time with him. On weekends, he would run experiments to formulate new materials and processes. I always enjoyed being in the lab and as I became older, my father began teaching me his craft. Eventually, I was allowed to participate in experiments and trials. Working in the lab never felt like a job to me and it eventually turned into my passion ... and this still holds true today.

I later went off to college and obtained a B.S. in Finance from the University of Pittsburgh, as well as an M.B.A from the University of Pittsburgh's *Katz Graduate School of Business*. I'm so proud to be running a business, manufacturing products, and creating jobs right here Ambridge, PA. We have generations of families working here, many of whom have stayed with us for decades. I love my job and our employees ... and I welcome you to be part of our ever-growing community.

Sincerely Yours,  
*Monika Major*

**[www.microsonic-inc.com](http://www.microsonic-inc.com)**

*A Licensed Medical Device Manufacturer and Distributor  
Member of National Hearing Conservation Association  
ISO 9001:2015 CERTIFIED*



## History & Culture

Microsonic Inc., is a global manufacturer of high-quality custom earmolds. We were founded in 1964 by Miklos Major and support the global hearing health industry through our ISO 9001 and 13485 Certified Facilities in the USA and Europe.

Today, we are a woman-owned and operated family business lead by Monika Major, a second generation earmold expert and entrepreneur. Our goal is for Microsonic to be our one-stop Au.D. shop. Here's how we can help:

### Quality Earmolds

We continually adopt the latest technologies that best serve our customers, combining over 55 years of old-world craftsmanship with the latest technologies in 3D printing.

### Style

Style is a key feature of Microsonic earmolds. Hearing protection and molds for hearing aids are quickly losing their stigma; a glance at our website's Earmold Photo Gallery is an expo of ideas; personalized logos, bling sparkles, team colors, and artsy swirls.

### Accessories

Our large Accessory Store is one of the industry's leading suppliers of top-quality impression material and supplies, Au.D. office tools, and a wide variety of accessories. We are also an industry top-supplier of preformed earmold tubing.

### Prevention

Microsonic Inc. supports hearing conservation programs. We believe that effective hearing health and preservation starts with educating our children, but like our company, it is multigenerational. Maintaining good hearing health should be a lifelong goal.

### Partnering

FLUXXTM, a subsidiary of Microsonic Inc., is a Private Label Manufacturing Supplier and a source for Government Contracting.

## Why Choose Us?

What are we good at? We are experts in earmold design. We can help with your difficult fittings or design new mold styles for any application. No question is unanswered and we will do our best to help in any way we can.

Here are a few products and services we can offer you:

- Free consultation on problem fittings
- Engineer services for new products to market
- 3D Manufacturing
- Accepting 3D Scans from all manufacturers
- 3D scanned impressions archived for 5 years (FREE)
- Over 60 earmolds styles
- Rainbow, stripes, marble, dots, and glitter earmolds
- Hypoallergenic colored earmolds
- Open Fit/RITE Molds
- Custom Musician Monitors
- Hearing Protection Earmolds
- Musician molds with Etymotic Filter
- Custom sleeves for earbuds
- Passguard™ (patent pending)
- World-leader craftsmanship
- Full accessory line
- Swim Molds

Do you need something that is not listed above? A customer service representative awaits. Contact us at 1-800-523-7672. Ask for a starter-kit, and your first set of earmolds are on us!

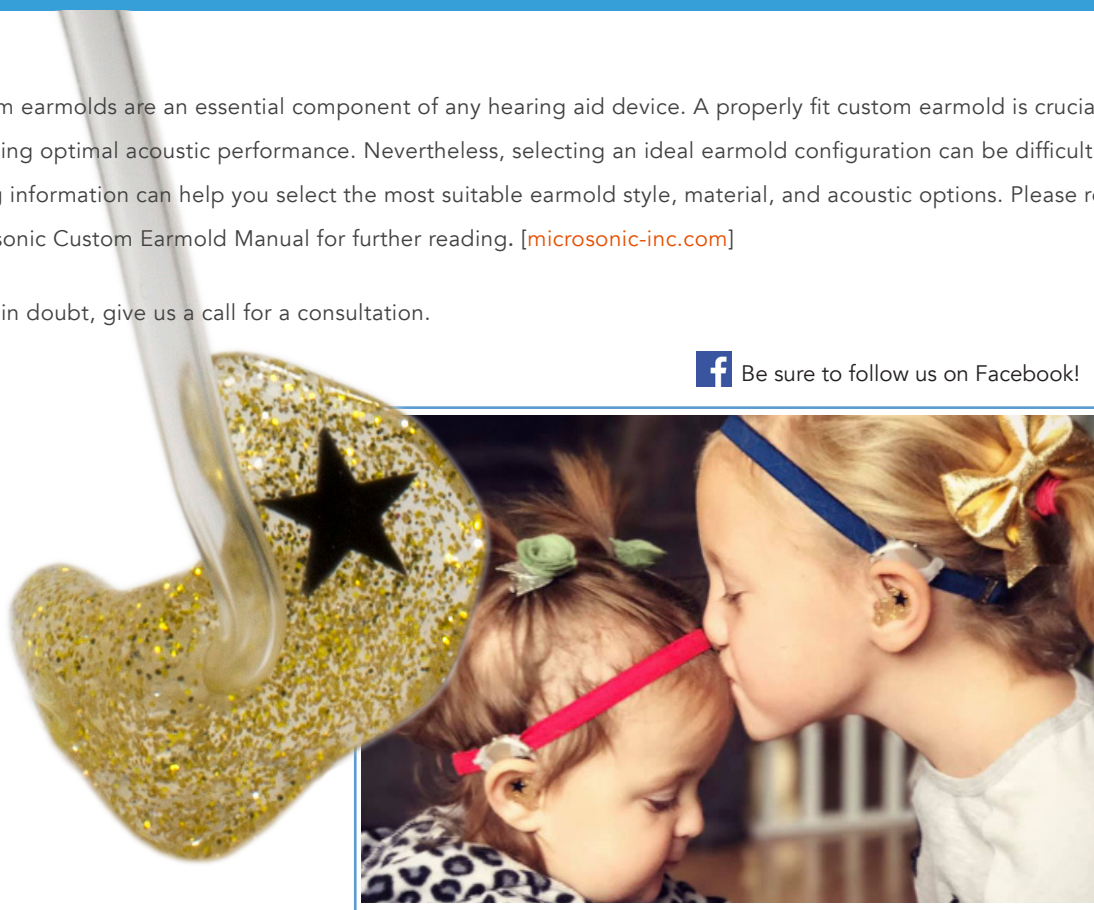
*CustomFit. CustomStyle. CustomCare.™*

## WHY USE CUSTOM EARMOLDS?

Custom earmolds are an essential component of any hearing aid device. A properly fit custom earmold is crucial for obtaining optimal acoustic performance. Nevertheless, selecting an ideal earmold configuration can be difficult. The following information can help you select the most suitable earmold style, material, and acoustic options. Please refer to the Microsonic Custom Earmold Manual for further reading. [[microsonic-inc.com](http://microsonic-inc.com)]

When in doubt, give us a call for a consultation.

 Be sure to follow us on Facebook!



### BENEFITS OF CUSTOM EARMOLDS

Objective	Custom Earmold	Universal Dome
To provide a satisfactory acoustic seal	Very good	Poor
To retain the hearing aid on the pinna	Excellent	Poor
To acoustically modify the signal produced by the hearing aid	Very good	Poor
Be comfortable to wear for an extended period of time	Very good	Good
Be aesthetically acceptable to the patient	Varies Fair → Very good	Fair

# MATERIALS

Custom-fit earmolds provide superior fit and personalized style.



## THINGS TO CONSIDER when selecting an earmold material

### It all starts with a good impression

Remember the four key factors for any decision concerning custom earmolds: impression taking; earmold material; earmold style; and color selection. The success of a custom earmold is dependent on the quality of the impression. Be sure you follow best practices when having your impressions made, whether it's a physical impressions or a digital 3D scan.

### Earmold Materials

Selecting appropriate material for retention is the first step into earmold configuration. Our ears grow during lifetime, skin becomes lose and the pinna becomes soft. Age is typically used to determine material type to achieve desired acoustic and retention. However, fitting aspect may vary based on a patient's unique needs.

The following chart will guide you to determine material type for age groups.

Soft material → → → → Hard material			
SOFT	SEMI-SOFT	HARD PLIABLE	HARD
SILICONE	SILICONE	VINYL (hard)	ACRYLIC
VINYL (soft)	HEAT CURE SILICONE		HEAT CURE ACRYLIC
			POLYETHYLENE

Soft material →	AGE GROUPS	→ Hard material
INFANTS		
	PEDIATRIC GROUP	
	ADULTS	
		SENIORS

### Earmold Style

There is a variety of styles to choose from, including shell, skeleton, semi-skeleton, canal, canal-lok, and more. Select the best style to suite your patient's needs ... then simply add some color!

### Color Style

It's time to show off! Select fun and inspiring earmold colors ... or your favorite logo. Personalize your earmolds. If you have fun with your earmold selection, chances are you'll end up wearing them more often ... and you'll be looking good, too!

## PLATINUM SERIES

### M25



Available Exclusively from Microsonic

- Recommended Pediatrics & Adult
- Highest tolerance for growth
- Hypoallergenic & Antibacterial
- Super soft, comfortable for all-day-use
- Available with variety of color options
- Hardness: Shore A 25
- Tube-Lock Assembly

May not be ideal if:

- Ear canal has sharp bends
- Dexterity is an issue

### M35



Available Exclusively from Microsonic

- Formerly known as M2000
- Most common silicone material
- Recommended for most age groups
- Tolerance for growth
- Hypoallergenic & Antibacterial
- Soft and comfortable for all-day-use
- Available with variety of color options
- Shore A 35
- Tube-Lock Assembly

### M45



- Recommended for soft skin texture
- Adult to Senior
- Hypoallergenic & Antibacterial
- Comfortable for all-day-use
- Available with variety of color options
- Shore A 45
- Tube-Lock Assembly

### SLIKFIT



Available Exclusively from Microsonic

- Recommended for all age groups
- Matte, silky finish
- Easy insertion, does not stick to skin
- Hypoallergenic & Antibacterial
- Soft and comfortable for all-day-use
- Available with variety of color options
- Shore A 35
- Tube-Lock Assembly

## MATERIALS / MEDI-SIL

## FIRM

### HEAT CURED SILICONE

Medi-Sil is recommended for adult and senior patients with soft skin texture. It is ideal to duplicate the slightest details, providing maximum seal. Typically paired with power BTE devices for elderly.



#### FEATURES

- Matte silky surface eases insertion
- Hypoallergenic heat-cure silicone
- Shore A 50
- Tube-Lock Assembly
- Rose tint is default color
- Clear, rose, red, blue, brown, beige
- Solid colors only
- Clear is recommended for most severe skin sensitives

## MATERIALS / MEDI-SIL PLUS

## DUAL MATERIAL

### SILICONE

Dual material heat cure silicone for exceptional retention issues. Softer canal material provides improved seal while firmer concha material secures a good retention. Typically used for surgical ears.



#### FEATURES

- Matte silky surface eases insertion
- Hypoallergenic heat-cure silicone
- Shore A 30 Canal / Shore A 50 Concha
- Tube-Lock Assembly
- Rose tint is default color
- Clear (canal) / Clear, rose, red, blue, brown, beige (concha)
- Solid colors only
- Clear is recommended for most severe skin sensitives

## SOFT

### VINYL

## MATERIALS / SYNTH-A-FLEX



Best suited for infants



#### FEATURES

- Common pediatric material
- 12-month maximum use
- Higher tolerance against growth
- Best suited for infants
- Prone to shrinkage (12-month maximum use)

- Can be modified by dispenser
- Variety of color choices
- Solid color only
- Cemented tubing

## HARD-FLEXIBLE

### VINYL

## MATERIALS / VINYL-FLEX

#### FEATURES

- Similar to standard acrylic
- Becomes flexible with body heat
- Clear, beige, brown, rose, invis



## MATERIALS / ACRYLIC

HARD

### FEATURES

- Hypoallergenic
- Discreet
- Can be modified by dispenser
- AKA Lucite
- Recommended for Adult to Senior:
  - Ideal for very soft skin
  - Ideal for Dexterity issues
- Available in many colors
  - Clear, beige, brown, rose, invis
  - Red, blue, green, orange, and more.



## MATERIALS / SUPER ALERITE

HARD



### FEATURES

- Similar to standard acrylic (Lucite)
- Heat cure formula for severe allergic cases
- Translucent (colorless), rose, red, blue, brown, beige, invis
- Hypoallergenic
- Cemented tubing

Better choice for severe allergic cases



## MATERIALS / POLYETHYLENE

HARD

Ideal when all other hypoallergenic materials fail skin sensitivities.

### FEATURES

- Hard material
- Used for severe allergic cases
- Opaque pink only
- Alternatively, consider ordering NANO glaze option for either with Acrylic or Platinum Silicone materials



## MICROSONIC CUSTOM EARMOLD



After reviewing the patient's degree of hearing loss, we need to determine the acoustic seal by choosing an occluding or non-occluding earmold style. Aspects such as seal, gain, retention, dexterity, and venting should be carefully considered to select an optimal style for the patient. Next, retention and the patient's previous earmold experience should be considered. Keep in mind that earmolds can be truly "tailored" to each individual's needs.

When in doubt, give us a call for a consultation.

## 1. OCCLUDING FOR CONVENTIONAL BTE HEARING



### REGULAR

Style #	Style Name	Special Notes	Available Materials
#1	Regular	<ul style="list-style-type: none"> <li>Used with external receiver that snaps into earmold</li> <li>No Special Shapes</li> </ul>	All Materials EXCEPT Platinum Series Silicones



### REGULAR WITH TUBING

Style #	Style Name	Special Notes	Available Materials
#1A	Regular w/Tubing	<ul style="list-style-type: none"> <li>Used with head-worn instruments</li> </ul>	All Materials



### SKELETON

Style #	Style Name	Special Notes	Available Materials
#2	Skeleton	<ul style="list-style-type: none"> <li>Retention strength is identical to #6 Shell style. Open space in concha for cosmetics.</li> </ul>	All Materials
#2A	3/4 Skeleton	<ul style="list-style-type: none"> <li>Helix area is reduced (3/4 Skeleton) or removed (1/2 Skelton) for easy insertion/removal.</li> </ul>	All Materials
#2B	1/2 Skeleton	<ul style="list-style-type: none"> <li>Recommended Skeleton styles for dexterity issues</li> <li>No Special Shapes</li> </ul>	



### SEMI-SKELETON

Style #	Style Name	Special Notes	Available Materials
#3	Semi-Skeleton	<ul style="list-style-type: none"> <li>Recommended for ears with flat concha rim to avoid earmold protruding from ear</li> <li>No Special Shapes</li> </ul>	All Materials



### CANAL

Style #	Style Name	Special Notes	Available Materials
#4	Canal	<ul style="list-style-type: none"> <li>Fills only the canal portion of the ear</li> <li>Basic earmold shape for sealing ear canal.</li> <li>Helix and concha areas are completely removed.</li> <li>Not recommended for straight ear canals or excessive TMJ movement.</li> <li>No Special Shapes</li> </ul>	All Materials



### CANAL-LOK

Style #	Style Name	Special Notes	Available Materials
#5	Canal-Lok	<ul style="list-style-type: none"> <li>Similar to canal style, easier to insert and remove.</li> <li>Discreet yet adequate retention</li> <li>No Special Shapes</li> </ul>	All Materials



### CANAL-LOK W/HELIX

Style #	Style Name	Special Notes	Available Materials
#5A	Canal-Lok w/Helix	<ul style="list-style-type: none"> <li>Provides additional retention to #5 Canal-Lok Style.</li> <li>Alternate style for #3 Semi-Skeleton.</li> <li>No Special Shapes</li> </ul>	All Materials



### CANAL-LONG LOK

Style #	Style Name	Special Notes	Available Materials
#5L	Canal-Long Lok	<ul style="list-style-type: none"> <li>Provides additional retention without sacrificing the cosmetic advantages of the Canal-Lok style.</li> <li>No Special Shapes</li> </ul>	All Materials



### SHELL

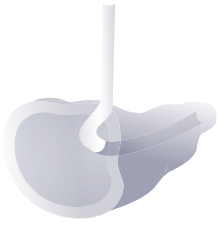
Style #	Style Name	Special Notes	Available Materials
#6	Shell	<ul style="list-style-type: none"> <li>Best style for perfect retention.</li> <li>Deeply shelled out in the concha area</li> <li>Used when acoustic seal is an essential factor</li> </ul>	All Materials



### MICRO-SHELL

Style #	Style Name	Special Notes	Available Materials
#6A	Micro-Shell	<ul style="list-style-type: none"> <li>Shallowed Concha</li> <li>Similar to #6 Shell with improved appearance and comfort</li> </ul>	All Materials

## CANAL-SHELL



Style #	Style Name	Special Notes	Available Materials
#7	Canal-Shell (Half-Shell)	<ul style="list-style-type: none"> <li>Performs as Shell style. Helix area is completely removed for easy insertion &amp; removal.</li> <li>Ideal for dexterity issues</li> </ul>	All Materials
#7A	3/4 Shell	<ul style="list-style-type: none"> <li>Performs as Shell style.</li> <li>Helix area is reduced for easy insertion &amp; removal.</li> <li>Ideal for dexterity issues</li> </ul>	All Materials

## HOLLOW-CANAL



Style #	Style Name	Special Notes	Available Materials
#34	Hollow-Canal	<ul style="list-style-type: none"> <li>Similar to #4 Canal Style. Hollow shape helps tolerating excessive mandibular action.</li> <li>For severe hearing losses.</li> </ul>	Soft Materials

## 2. OCCLUDING FOR RIC (Receiver-in-the-ear) & SLIM-TUBE BTE HEARING AIDS

Specify: 1] Vent 2] Receiver or slim tube  
Recommended: Send in receiver/slim tube for fit verification.

### SLIM-FIT SKELETON



Style #	Style Name	Special Notes	Available Materials
#SL2	Slim-Fit Skeleton (specify vent size)	<ul style="list-style-type: none"> <li>Retention strength is identical to #6 Shell style.</li> <li>Open space in concha for cosmetics.</li> <li>No Special Shapes</li> </ul>	Soft Materials

### SLIM-FIT CANAL



Style #	Style Name	Special Notes	Available Materials
#SL4	Slim-Fit Canal (specify vent size)	<ul style="list-style-type: none"> <li>Fills only the canal portion of the ear</li> <li>Basic earmold shape for sealing ear canal.</li> <li>Helix and concha areas are completely removed.</li> <li>Not recommended for straight ear canals or excessive TMJ movement.</li> <li>No Special Shapes</li> </ul>	Soft Materials

### SLIM-FIT CANAL-LOK



Style #	Style Name	Special Notes	Available Materials
#SL5	Slim-Fit Canal-Lok (specify vent size)	<ul style="list-style-type: none"> <li>Similar to canal style, easier to insert and remove.</li> <li>Discreet yet adequate retention</li> <li>No Special Shapes</li> </ul>	Soft Materials

### SLIM-FIT SHELL



Style #	Style Name	Special Notes	Available Materials
#SL6	Slim-Fit Shell (specify vent size)	<ul style="list-style-type: none"> <li>Best style for perfect retention.</li> <li>Deeply shelled out in the concha area</li> <li>Used when acoustic seal is an essential factor</li> </ul>	Soft Materials

### SLIM-FIT CANAL-SHELL



Style #	Style Name	Special Notes	Available Materials
#SL7	Slim-Fit Shell (Half-Shell)	<ul style="list-style-type: none"> <li>Performs as Shell style.</li> <li>Helix area is completely removed for easy insertion &amp; removal.</li> <li>Ideal for dexterity issues</li> </ul>	Soft Materials

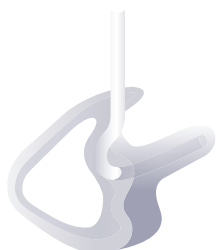
### 3. NON-OCCLUDING FOR CONVENTIONAL BTE HEARING AIDS



CROS A (no vent)

Note: Special shapes, logos are not available.

Style #	Style Name	Special Notes	Available Materials
#16	CROS A (no vent)	<ul style="list-style-type: none"> <li>Designed for CROS and many IROS fittings</li> <li>Significantly reduction in frequencies below 1000 Hz</li> <li>Canal-Long Lok Style. Solid (1) Color Only</li> </ul>	Hard Materials Only



CROS B (no vent)

Style #	Style Name	Special Notes	Available Materials
#17	CROS B (no vent)	<ul style="list-style-type: none"> <li>Designed for CROS and many IROS fittings</li> <li>Significantly reduction in frequencies below 1000Hz</li> <li>Solid (1) Color Only</li> </ul>	All Materials



CROS C (no vent)

Style #	Style Name	Special Notes	Available Materials
#18	Cros C (no vent)	<ul style="list-style-type: none"> <li>Recommended for attaching the offside micro phone or transmitter in a BTE CROS or BICROS fitting</li> </ul>	All Materials



ADVANCED DESIGN FREE FIELD (with SAV)

Style #	Style Name	Special Notes	Available Materials
#21A	Canal-Lok Open Design Free Field (with SAV)	<ul style="list-style-type: none"> <li>Seals canal entrance while leaving the canal itself unoccluded</li> <li>Eliminates feedback</li> </ul>	All Materials



ADVANCED DESIGN FREE FIELD (with SAV)

Style #	Style Name	Special Notes	Available Materials
#21B	Canal-Lok Open Design Free Field (with SAV)	<ul style="list-style-type: none"> <li>Seals canal entrance while leaving the canal itself unoccluded</li> <li>Eliminates feedback</li> </ul>	All Materials



ADVANCED DESIGN FREE FIELD (with SAV)

Style #	Style Name	Special Notes	Available Materials
#21C	Canal-Lok Open Design Free Field (with SAV)	<ul style="list-style-type: none"> <li>Seals canal entrance while leaving the canal itself unoccluded</li> <li>Eliminates feedback</li> </ul>	All Materials



CANAL-LOK ADV. DESIGN FREE FIELD (with SAV)

Style #	Style Name	Special Notes	Available Materials
#41A	Canal-Lok Open Design Free Field (with SAV)	Acoustically identical to #21A	All Materials



#### CANAL-LOK ADV. DESIGN FREE FIELD (with SAV)

Style #	Style Name	Special	Available Materials
#41B	Canal-Lok Open Design Free Field (with SAV)	Acoustically identical to #21B	All Materials



#### CANAL-LOK ADV. DESIGN FREE FIELD (with SAV)

Style #	Style Name	Special Notes	Available Materials
#41C	Canal-Lok Open Design Free Field (with SAV)	Acoustically identical to #21C	All Materials

## 4. NON-OCCLUDING FOR SLIM-TUBE & RIC (Receiver-in-the-ear) BTE HEARING AIDS

Provides the largest vent possible. For maximum comfort with own voice. Special shapes, logos are not available. Specify: Receiver or slim tube. Recommended: Send in receiver/slim tube for fit verification.

#### OPEN-FIT SKELETON (w/IROS) (w/slim tube)



Style #	Style Name	Special Notes	Available Materials
#OF2	Open-Fit Skeleton (w/IROS) (w/slim tube)	<ul style="list-style-type: none"> <li>Provides largest vent possible.</li> <li>SAV is optional</li> </ul>	All Materials

#### OPEN-FIT CANAL (w/IROS) (w/slim tube)



Style #	Style Name	Special Notes	Available Materials
#OF4	Open-Fit Canal (w/IROS) (w/slim tube)	<ul style="list-style-type: none"> <li>Provides largest vent possible.</li> <li>SAV is optional</li> </ul>	All Materials

#### OPEN-FIT CANAL-LOK (w/IROS)



Style #	Style Name	Special Notes	Available Materials
#OF5	Open-Fit Canal-Lok (w/IROS) (w/slim tube)	<ul style="list-style-type: none"> <li>Provides largest vent possible.</li> <li>SAV is optional</li> </ul>	All Materials

#### OPEN-FIT CANAL-SHELL (w/IROS)



Style #	Style Name	Special Notes	Available Materials
#OF7	Open-Fit Canal-Shell (w/IROS) (w/slim tube)	<ul style="list-style-type: none"> <li>Provides largest vent possible.</li> <li>SAV is optional</li> </ul>	All Materials

#### OPEN-FIT ADV DESIGN FREE FIELD (w/SAV)



Style #	Style Name	Special Notes	Available Materials
#OF21	Open-Fit Adv Design Free Field (with SAV)	For use with slim tubes only SAV is standard	All Materials

# COLORS / EARMOLDS

Microsonic is known for its incredible selection of colors, swirls, sparkles, and shine!



## Gel-e-Burst



### DESCRIPTION

Clear with up to 4 additional colors swirled in

### #OF COLORS

Clear + up to 4 colors

### GLITTER

Added Option

### FLUORESCENT

Added Option

## Rainbow



2 to 5 colors overlapped in a rainbow pattern

2 to 5 colors

Added Option

Added Option

## Marble



White with up to 2 additional color, forming a marble pattern

White + up to 2 colors

Added Option

Added Option

## Polka-dots



1 main color with up to 4 additional colors

1 main color + up to 4 colors

Added Option

Added Option

## Stripes



2 to 5 colors layered side by side in a vertical or horizontal pattern

up to 4 colors

Added Option

Added Option

## Solid



1 color only

1 color only

Added Option

Added Option

# M2000

M2000 is our premium soft silicone, custom-blended exclusively for Microsonic, and is extremely comfortable. The following chart represents our main color selection.

					
Camo Green NEON LITES™	Beige NEON LITES™	Black NEON LITES™	Blue NEON LITES™	Brown NEON LITES™	FLUXX Green™ NEON LITES™
					
Gold NEON LITES™	Green NEON LITES™	Light Blue NEON LITES™	Orange NEON LITES™	Pink NEON LITES™	Purple NEON LITES™
					
Red NEON LITES™	Beige M2000	Black M2000	Blue M2000	Blue Tint M2000	Invisiear M2000
					
Brown M2000	Flux Green M2000	Gold M2000	Green M2000	Ice Tea M2000	Tint M2000
					
Orange M2000	Pink M2000	Pink Tint M2000	Purple M2000	Red M2000	Turquoise M2000

This chart represents the available color choices. Actual colors may

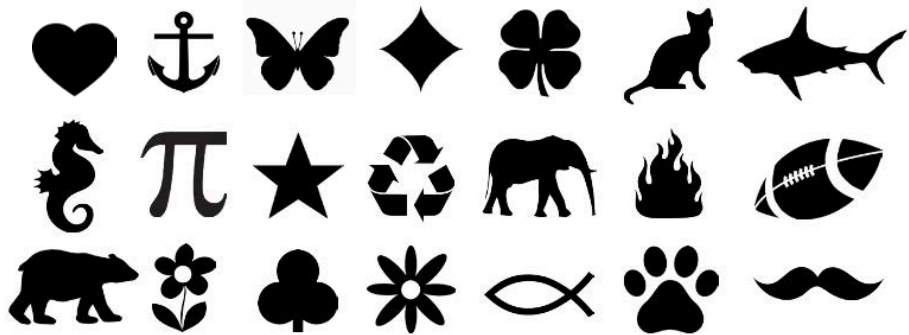
# LOGOS / ENGRAVINGS



Pick a shape, or let us design one for you.

Sorry, we cannot apply copy-righted images. For corporate logos, proof of trademark registration may be required.

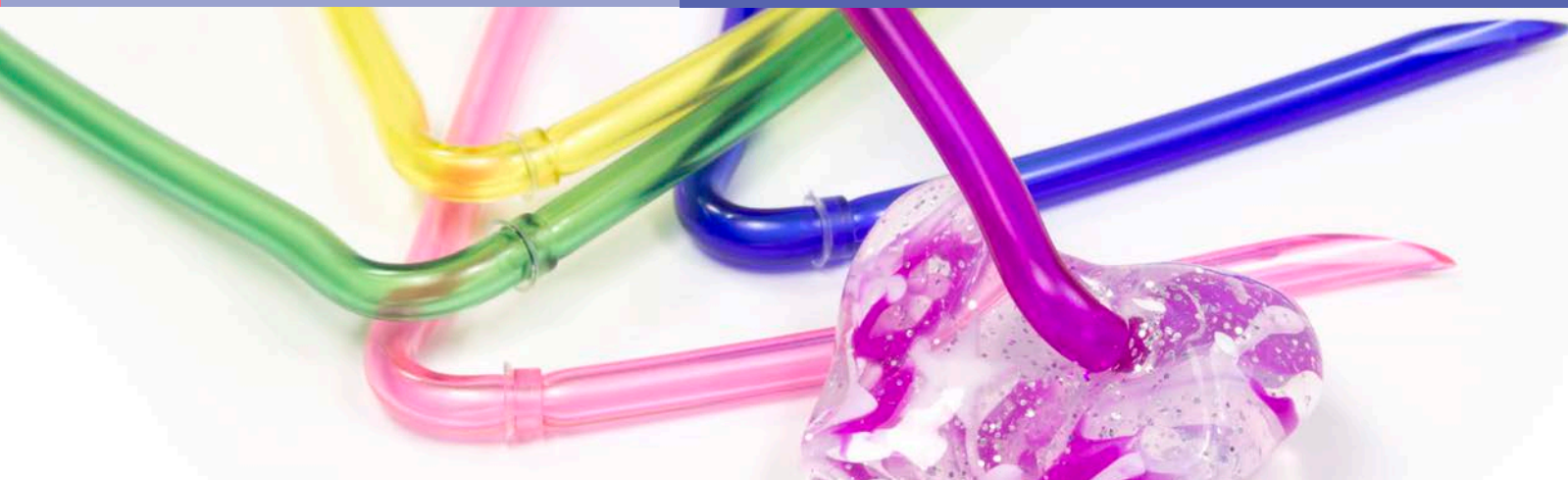
## FUN DESIGNS



CORPORATE  
CREATIONS  
SHAPES  
LOGOS  
SIGNS



# TUBING / MATERIALS



## STANDARD

Soft vinyl tubing DEHP-Free



## DRI-TUBE

Helps to reduce condensation in tubing



## HYPOALLERGENIC

Recommended for most severe skin sensitivities. USP Class VI ISO 10993



## DIMENSIONS

Tubing dimensions according to NAEL (National Association of Earmold Laboratories) standards.

	INSIDE DIAMETER	OUTSIDE DIAMETER
Standard	0.085 inch	0.125 inch
Medium	0.076 inch	0.122 inch
Thick	0.076 inch	0.130 inch
Double-Wall	0.076 inch	0.142 inch







## STYLE, SIZE & COLOR

Specify size, style (Solo Bend or Double Bend), and color when ordering.



# TUBING / MATERIALS

## ASSEMBLY

T-001		A Microsonic icon, world famous Gold-Lock. Strongest grip on tubing. Gold plated against corrosion.
T-002		Silver Lock. The smallest OD tubing anchor in the industry. Zinc plated to resist corrosion.
T-003		Gold-Lock for Double Wall Tubing.
T-004		Tube Lock Plus. Patented Microsonic barbed tubing anchor with surface flange. Thanks to its large ID, tubing is not pinched.
T-005		Invisilok. Patented Microsonic barbed tubing anchor without surface flange.
T-007		MicroLok™. Strong retention in mold. Large ID, minimum pinch on tubing. Default lock for the Microsonic <i>Platinum Series</i> earmolds.

## COLORED TUBES



Can't decide which tube color will go with your earmold?

Simply choose "BEST MATCH" on earmold order form. We'll pick one for you!

Available Colors:  
Green, Blue, Clear, Rose-Tint, Purple, Red, Yellow

## One-Stop-Shop

for all your AuD needs.



## MAKE A GOOD IMPRESSION

We have a variety of materials to choose from.

- General use 2-part Mega-Sil
- Silasoft for pediatric and CIC applications
- templet™ in 50ml cartridges for quick and easy dispensing



## KEEP IT BRIGHT

We carry a variety of tools for audiologists.



## KEEP IT CLEAN

Try Microsonic's complete SafeTouch® line of cleaning supplies.



# HEARING PROTECTION

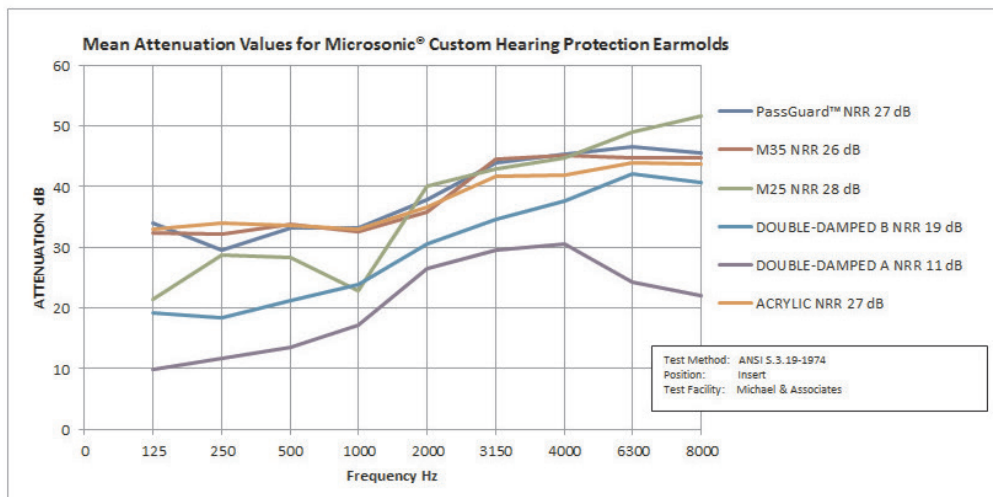


## HARD WORKING PROTECTION

Our hearing protection molds are designed to “protect” in harmfully loud environments while permitting “situational awareness”. You will be able to communicate and hear voice commands, alarming sounds and sirens.



We have a wide variety of custom hearing protection products.  
Contact us to discuss the best solution for your specific application.



# HEARING PROTECTION

## PASSGUARD®



### INDUSTRIAL USE & SHOOTING SPORTS

- Permits hearing conversation
- Perfect for high impact noise
- Hypoallergenic & Antibacterial
- NRR 27 dB, Mean 38 dB, Attenuation up to 47 dB
- Optional EZ-Grip™ handles. Cords stay close to ear
- Optional laser engravings: company name, logo, left/right, personal initials, etc.

## LIFEPLUGS®



### EVERYDAY EARPLUGS

- Perfect for any loud environment, restaurants, theaters, concerts, work spaces.
- NRR 17 dB, Mean 35 dB
- Hypoallergenic & Antibacterial
- External Vent for Pressure-Free Fit

*\* Patent Pending*

## LIFEPLUGS® SLEEP



### SLEEP EARPLUGS

- Perfect for sleeping, meditation, yoga, & studying
- Soft and comfortable
- NRR 25 dB, Mean 39 dB
- Hypoallergenic

*\* Patent Pending*

## PULSE™



### HIGH-FIDELITY SOUND QUALITY

- Recommended for musicians, sound crews, recording engineers, night club employees, and concert-goers
- Minimum change of sound quality
- Interchangeable Microsonic P-Series professional filters designed for music listening
- Available attenuations of 10dB, 15dB, 25dB, 30dB (solid)
- Hypoallergenic & Antibacterial

# HEARING PROTECTION

## Pediatric Hearing Protection



### SUPER SOFT SILICONE

- Permits hearing conversation
- Super soft for maximum comfort
- Ideal for children playing in loud environments
- NRR 26, Mean 40 dB, Attenuation up to 48 dB
- Hardness Shore A 30
- Hypoallergenic & Antibacterial

## Swim Plugs / Neon-Lite™



### EAR PROTECTION FOR SWIMMERS, SURFERS & BEACH-GOERS!

- Prevents waterborne ear infections
- Permits hearing instructions and conversations
- Floating or non-floating
- Hypoallergenic & Antibacterial

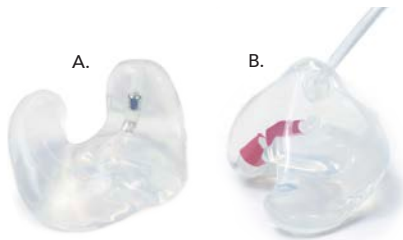
## Sound Defenders™ - Solid M25 / M35



### EXCEPTIONAL COMFORT FOR ALL DAY USE

- Soft Silicone
- Maintains Acoustic Seal
- Hypoallergenic & Antibacterial
- Hardness Shore A 25 / A 35
- NRR 26 dB, Mean 36 dB, Attenuation up to 45 dB

## Sound Defenders - Double-Damped A / B



### THE MOST VERSATILE HEARING PROTECTION

- |           |  |           |  |
|-----------|--|-----------|--|
| <b>A.</b> | <ul style="list-style-type: none"><li>• NRR 11 dB, Mean 26 dB, Attenuation up to 31 dB</li><li>• Ideal for loud crowded environment (stadiums, sporting events, restaurants, etc.)</li><li>• Minimum muffling effect</li><li>• Soft, comfortable, and hypoallergenic</li></ul> | <b>B.</b> | <ul style="list-style-type: none"><li>• NRR 19 dB, Mean 30 dB, Attenuation up to 42 dB</li><li>• Ideal for industrial use</li><li>• Perfect for impact noise</li><li>• Soft, comfortable, and hypoallergenic</li></ul> |
|-----------|--|-----------|--|

## SonicGuard™ PLUS - Active Hearing Protection



### ACTIVE HEARING PROTECTION FOR SHOOTERS

- Digital Hearing Enhancement & Protection
- Reduces impact noise to a safe level of 85 dB
- Includes 30dB solid filters. Interchangeable with Microsonic P-Series professional filters designed for music listening
- Soft comfortable and hypoallergenic
- Up to 16 dB gain / 3 Gain levels





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