

Anfeald-crafted custom-fit ear plugs are available in numerous styles with numerous options and price points. This price list presents commonly requested items. Contact Anfeald to schedule a fitting or for clarification on options, pricing and other details. *Bulk-pricing, existing-client and government discounts are available.*

## BASIC & ENHANCED INDUSTRIAL PLUGS

Insta-Mold® earplugs are the most advanced instant silicone product line available to the hearing-protection industry. Insta-Mold® plugs are custom-fit earplugs made on the spot by Anfeald, an E.A.R., Inc. Authorized Provider. Unlike ordinary impression silicone, Insta-Mold® is stronger and more durable than other silicone impression material. The vast majority of adult users report an average lifetime of 3-4 years per set of Insta-Mold® custom-fit earplugs. All plugs come with color-coded handles, cords, case and instructions. *NRR (Noise Reduction Rating) 32.8 dB. NRR (per EPA-1979 adjustment factor -3) 29.8 dB.*

Basic Industrial Plug	\$ 65.00 / pair
Communication Style	\$ 80.00 / pair
With Standard Acoustic Filter	\$ 95.00 / pair
With Pop-Top Acoustic Filter	\$ 120.00 / pair
Make Metal Detectable	+ \$ 10.00 / pair



## CHAMELEON EARS™

Chameleon Ears™ are super soft hydrophobic silicone earplugs fit by Anfeald but finished in the lab. While similar to our Insta-Mold earplugs, they have more durability and flexibility. These earplugs are highly customizable and available in a variety of brilliant solid colors, swirl, glitter or glow in the dark. Pop-Stopper NRR: 19–20 dB (open); 30–31 dB (closed).



Solid	\$ 110.00
Filtered (Standard)	\$ 140.00
Filtered (Pop-Stopper)	\$ 165.00
Filtered (HearDefender-DF)	\$ 185.00
Metal Detectable	\$ 130.00

## CHAMELEON EARS™ MODULAR DESIGN (MD) EARPLUGS

Our Chameleon Ears™ Modular Design (MD) Earplugs are a filtered and solid ear plug all in one! Finally, more function from a single set of ears. You can connect to a radio, listen to music or talk on the phone and then remove the cord to be left with comfortable filtered hearing protection.



Vented, Filtered (Standard)	\$ 165.00 / pair
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## CHAMELEON EARS™ DECI FILTERED EARPLUGS

Developed for military and law enforcement use; protects hearing from activities such as gunfire and artillery noise. Also useful for construction activities with impulsive noise. Vented so air can enter the ear – This aids in retaining spatiality, sound directionality, minimizes the occlusion effect and maximizes user comfort. The Chameleon Ears™ DECI Filtered Earplugs have undergone full environmental testing for humidity, hot and cold temperatures, 12-hour comfort and sand storm. NRR 33.7 dB at 166 dB.



Chameleon Ears DECI Filtered	\$ 200.00 / pair
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## RECEIVER EAR MOLD

Receiver ear molds are in-the-ear molds designed for communication. Adaptable to coiled tubing and vented to help maintain spatiality, sound directionality, minimizes the occlusion effect and maximize user comfort. Most applications require an elbow joint. Snap cap required to adapt to coiled tubing.



Receiver Mold (Vented)	\$ 65.00 / ear
Vented, Filtered (Standard)	\$ 95.00 / ear
Vented, Filtered (HearDefender-DF)	\$ 140.00 / ear
Snap Cap Adapter for Tubing	\$ 4.00 / ear

## CUSTOM-FIT SKELETON

Open style ear-piece designed to allow easier hearing of ambient noise for increased situational awareness. Custom fit to avoid discomfort associated with off-the-shelf standard-size skeletons. Can be vented to further increase comfort and can include filters. Elbow typically required to adapt to coiled tubing.



Custom Skeleton	\$ 65.00 / ear
Custom Skeleton (Vented)	\$ 65.00 / ear
Vented, Filtered (Standard)	\$ 95.00 / ear
Vented, Filtered (HearDefender-DF)	\$ 140.00 / ear
Elbow	\$ 4.00 / ear

## ADDITIONAL DETAILS ON ACOUSTICAL-FILTER OPTIONS

There are three types of acoustical filters. Each filter has its uses. These filters are used with different types of earplugs to increase available options. Please note that some earplugs may not accommodate all filter types.

### HEAR-DEFENDERS-DF (LAW-ENFORCEMENT AND MILITARY)

This dual-filter provides variable noise-attenuation; the louder the noise and the higher the frequency, the more the attenuation. HearDefenders-DF allow very good speech communication while suppressing loud impulsive noise. These are a good choice for military and law-enforcement. Please note that some earplugs may not have enough room to fit these filters.



### DEC IMPULSE (INDUSTRIAL; LAW-ENFORCEMENT; MILITARY)

This filter allows easier speech-communication at lower noise-levels and lower frequencies (speaking range) while it ramps up attenuation at higher frequencies and noise levels to better control impulsive noise from gunshots (variable NRR).

### STANDARD (GENERAL USE)

The standard acoustical filter provides a flat noise attenuation across all frequencies and noise levels. This filter is a good option for general use, but is not advisable for situations with loud impulsive noise or for regulatory purposes.

## SCHEDULING FITTINGS

We fit each employee at your site or ours. If a non-lab model is selected, we can sometimes finish all plugs before we depart. If this is not possible, we will hand-deliver or bulk ship the plugs back to you when complete. If lab-finished models are selected, the turnaround time is up to three weeks though actual turnaround time is often faster. Please also note the following:

- No charge for fittings at our office; low-volume fittings at your facility may incur additional charges
- Each fit takes approximately 10 to 15-minutes from start to finish; we can typically complete five fittings an hour
- We need a clean indoor area, with a table if possible; this can be an empty office, an unused workstation, etc.

- Please ask your staff to clean their ears the night before to will allow a better fit
- We cannot fit individuals that have excessive earwax, ear infections or ear surgery
- OSHA-compliant hearing conservation training is available and can be performed in parallel to custom-fits. Please inquire for rates and class information

### MOBILIZATION FEES FOR FITTINGS

Anfeald charges a mobilization fee when raveling to client's locations as follows:

- **Mileage:** Mileage is charged at \$0.80/mile for ground-travel greater than 50-miles from the consultant or technician's office. No mileage charges will apply for travel less than that distance.
- **Travel Time:** Travel time is charged at the rate of \$40.00 hour; however, there is no charge for the first hour of travel.
- **Transportation, Lodging & Meals:** At cost



### STANDARD TERMS & CONDITIONS

Payment is required in advance by credit—card or company check unless signed proposal and/or master-service agreement is in place. No returns or exchanges on custom-fit plugs. Bulk-discounts and government discounts available.

### INDUSTRIAL HEARING PROTECTION PROGRAMS

So, your company is looking for solutions that will help your hearing-protection program starting now and for years to come? No problem. Let our staff help you develop and implement a comprehensive hearing-conservation program that features the use of custom hearing protectors and the ZERO Initiative.

- **ZERO Waste** – Custom-fit earplugs reduce the amount of disposable trash and throw-away earplugs from parking lots, offices, bathrooms and work space environments. Custom-fit allows for a cleaner environment and overall better appearance. Custom-fit also reduces common complaints about site hygiene and broken appliances or machines due to obstructions of disposable hearing protectors.
- **ZERO Fit Issues** – Custom-fit earplugs fit the ear like a jigsaw-puzzle piece. There are no pressures exerted to the ear canal walls or exterior parts of the head, such as with ear muffs. The earplugs are worn without fatigue, pain or constant readjustments because of improper fit.
- **ZERO Ongoing Expenses** – Safety-equipment vendors appreciate the constant use of disposables. Purchasing of disposables is on-going which means expenditures are on-going! When implementing a custom-fit solution, you reduce the continual expense of disposable earplugs because one pair of custom earplugs can be used and reused for several years.
- **ZERO OSHA Recordables** – Custom-fit earplugs are worn correctly every time, not just part of the time. Every use guarantees a perfect fit and noise reduction. This is especially important to eliminate a threshold shift due to prolonged or sudden noise exposure.



Other benefits:

- Custom plugs are highly visible from a distance when selecting bright colors; non-compliance is obvious
- Custom plugs enjoy outstanding user acceptance because they are so comfortable and because they are available in many colors and swirls

- Custom plugs are durable; they can be boiled, frozen, washable and easily sanitized and they provide many years of service

**Earplugs NRR Ratings (U.S. Standard)**

NRR (Noise Reduction Rating) 32.8 dB

NRR (per EPA-1979 adjustment factor -3) 29.8 dB

FREQUENCY (HZ)	125	250	500	1000	2000	3000	4000	6000	8000
Mean Attenuations (dB)	25.1	30.2	33.2	34.2	36.1	37.9	40.8	42.0	40.4
Standard Deviations (dB)	1.7	3.7	3.8	2.3	3.7	4.7	4.3	5	3.6

**THE BREAKDOWN ON COST**

On average, disposable ear plugs range from \$0.16 per pair to over \$1.87 per pair. Of course, this range depends on the style of earplugs offered. Regardless, the unit-cost of foam and other disposable plugs is generally quite low. However, these plugs generally do not fit well and they cause user discomfort when worn for extended times. Foam plugs are easy to wear incorrectly, drastically increasing the risk of user hearing loss, increasing the possibility of an OSHA-recordable standard-threshold shift and increased workers' compensation costs.



If we assume that the average employee uses three pairs of less expensive disposable earplugs (\$0.16 per pair) per work shift or two-pairs of more expensive disposable ear plugs (\$1.87 per pair) per work shift, the annual cost of disposable ear plugs for each employee ranges from \$115.00 up to \$898.00 based on 240 eight-hour shifts a year.

The basic industrial model of Insta-Mold™ custom-fit ear plugs has a retail price of \$65.00. This may seem high, however, if we assume that the average pair of our plugs lasts three years, the annual cost per employee is \$21.66. Compared to the total annual cost for disposable plugs, this represents a savings of between \$93 and \$876 per employee per year – A substantial savings!

When you figure that the lifespan our plugs is probably longer than three years in many cases and when you consider that these plugs fit better, look better and have outstanding user acceptance, you can also factor in the savings from reductions in hearing losses and associated workers' compensation costs.

What are you waiting for? Reach out to us today!

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