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CUSTOM HEARING HEALTHCARE FOR A BETTER QUALITY OF LIFE



Audiology Catalogue





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HEALTHY HEARING FOR A BETTER QUALITY OF LIFE

Universal dB has been supplying custom earmoulds (inserts) for hearing aids to NHS adult audiology and paediatric audiology centres through the NHS Supply Chain for almost fifty years. We also provide water protection and hearing protection products which are gaining in popularity as NHS Trusts seek to become more self-sustaining through the generation of additional revenue.

Universal dB is committed to supporting NHS Trusts in the Any Qualified Provider (AQP) model, helping them to meet key service outcomes and contribute to the wider Department of Health Quality, Innovation, Productivity and Prevention (QIPP) agenda as they set out to deliver improved services more commercially, under tighter budgetary constraints.

In addition to supplying the NHS Supply Chain, Universal dB also supplies custom earmoulds (inserts) to private healthcare companies and other organisations manufacturing and / or specifying hearing aids and hearing products.

EARMOULD RANGE



EM2102 - BIO



EM2106



EM2107

BODY WORN

CODE	DESCRIPTION
EM2101	Hard acrylic
EM2103	Hard acrylic with baby wire
EM2104	Hard acrylic with soft tip
EM2105	Hard acrylic soft tip with baby wire
EM2113	Soft acrylic with hard back
EM2120	Soft acrylic with hard back and baby wire

BODY WORN - NON ALLERGIC

CODE	DESCRIPTION
EM2102 - ACR	Acrylon
EM2102 - AVC	Soft acrylic expanded for high power
EM2102 - BIO	Biopore with gold plated clip
EM2102 - M	Molloplast
EM2102 - MF	Microflex with gold plated clip
EM2102 - MP	Micropor
EM2102 - NC	Non cadmium
EM2102 - PSA	Soft acrylic pink
EM2102 - S	Silicone
EM2102 - UHA	Pink translucent
EM2102 - UNI	Uniflex with gold plated clip
EM2102 - UV	UV hypoallergenic coating
EM2102 - VSA	Soft acrylic clear

SHELL

CODE	DESCRIPTION
EM2106	Hard acrylic
EM2110	Hard acrylic soft tip
EM2112	Soft acrylic

SHELL - NON ALLERGIC

CODE	DESCRIPTION
EM2108 - ACR	Acrylon
EM2108 - AVC	Soft acrylic expanded for high power
EM2108 - BIO	Biopore
EM2108 - M	Molloplast
EM2108 - MF	Microflex
EM2108 - MP	Micropor
EM2108 - NC	Non cadmium
EM2108 - PSA	Soft acrylic pink
EM2108 - S	Silicone
EM2108 - UHA	Pink translucent
EM2108 - UNI	Uniflex
EM2108 - UV	UV hypoallergenic coating
EM2108 - VSA	Soft acrylic clear

SKELETON

CODE	DESCRIPTION
EM2107	Hard acrylic
EM2111	Hard acrylic soft tip
EM2117	Hard acrylic half phantom
EM2118	Hard acrylic soft tip half phantom
EM2121	Soft acrylic
EM2122	Open mould - please refer to reference chart

SKELETON - NON ALLERGIC

CODE	DESCRIPTION
EM2109 - ACR	Acrylon
EM2109 - AVC	Soft acrylic expanded for high power
EM2109 - BIO	Biopore
EM2109 - M	Molloplast
EM2109 - MF	Microflex
EM2109 - MP	Micropor
EM2109 - NC	Non cadmium
EM2109 - PSA	Soft acrylic pink
EM2109 - S	Silicone
EM2109 - UHA	Pink translucent
EM2109 - UNI	Uniflex
EM2109 - UV	UV hypoallergenic coating
EM2109 - VSA	Soft acrylic clear



OPEN MOULDS (EM2122) 'A' TYPE MEATUS

Meatus is reduced in both length and width and the tubing protrudes through to the original length. A (3mm) vent is present.



OPEN MOULDS (EM2122) 'D' TYPE MEATUS

Meatus length is maintained but the width is reduced to form a support for the tubing. A (3mm) vent is present.

VENTING OPTIONS

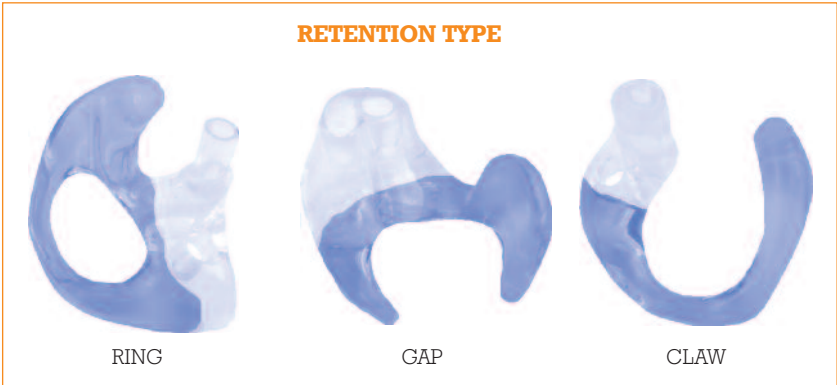


Parallel Vent



OPEN MOULDS (EM2122) 'B' TYPE MEATUS

Meatus is maintained in terms of length and width. A maximum size vent is present. This type of open meatus requires a sizeable meatal tip in order to accommodate the large vent and tubing.



RETENTION TYPE

RING

GAP

CLAW

Metal configuration and retention types shown in dark blue

When ordering an **EM2122** please indicate the Meatal/Retention configuration required from the options above e.g EM2122 B/Gap. If no options are indicated then a **EM2122 A/Ring mould** will be supplied.

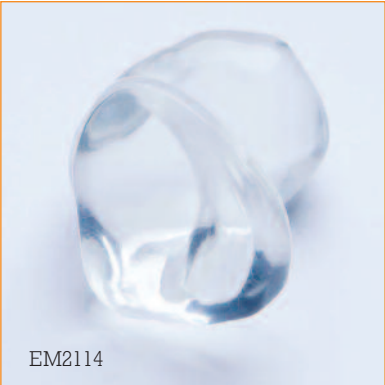


'Y' Vent (Narrow Canals)



External Vent (For Drainage)

EARMOULD RANGE (CONTD.)



EM2114



EM2800



EM2900 MICROFLEX



EM4112



CANAL

CODE	MATERIAL
EM2114	Meatal tip, hard acrylic
EM2115	Meatal tip, hard acrylic with soft tip
EM2116	Meatal tip, soft acrylic
EM2114 - CL	Hard acrylic with canal lock
EM2115 - CL	Hard acrylic with soft tip & canal lock
EM2116 - CL	Soft acrylic with canal lock

CUSTOM OPEN FITTING - For use with Corda and Life Tubes

CODE	MATERIAL
EM2800	Custom open fitting various hard materials
EM2800 - CL	Hard acrylic with canal lock
EM2900	Custom open fitting various soft materials.
EM2900 - CL	Soft acrylic with canal lock

Custom open fittings replace the generic dome normally used and offer many advantages including:

- Perfect custom fit every time
- Large range of options including venting
- Tubing can be easily replaced
- Safer in the ear
- Aesthetically discreet
- Long lifespan
- A variety of shapes including canal lock, full shell and skeleton
- Suitable for higher power requirements
- Choice of non allergic materials

Please submit your preferred tube with the impression.

ITE

CODE	MATERIAL
EM2214	Hard acrylic
EM2216	Hard acrylic with soft tip
EM2206	Hard acrylic full shell
EM2223	Hard acrylic claw retention
EM2214 - NC	Non allergic hard acrylic
EM2216 - VSA	Non allergic hard acrylic with soft tip
EM2206 - NC	Non allergic hard acrylic full shell
EM2223 - NC	Non allergic hard acrylic claw retention

DIGITAL BTE

CODE	MATERIAL
EM4108	Hard shell clear
EM4108 - Soft	Soft shell clear
EM4108 - Bio	Silicone shell
EM4109	Hard skeleton clear
EM4109 - Soft	Soft skeleton clear
EM4109 - Bio	Silicone skeleton
EM4110	Hard shell clear with soft tip
EM4111	Hard skeleton clear with soft tip
EM4112	Carved shell, microflex
EM4121	Carved skeleton, microflex

Our range of Digital BTE earmoulds has been designed to meet the demands of modern digital hearing aids. Manufactured from hard or soft hypoallergenic materials and with choices such as full shell, skeleton or ultra carved profile these earmoulds can be designed to meet the requirements of the individual patient. A range of options including stay dry, select-a-vent trees and tube lock earmould tubing allow each mould to be fine tuned.

Please note all Digital BTE earmoulds are supplied with select-a-vent tree and low condensate tube except codes EM4112 and EM4121.

EARMOULD OPTIONS

CODE	DESCRIPTION
218	Thick wall pre bent tube
290	Double bend pre bent tube
247	Baby wire
287	Removal handle
240	Barbed elbow
272	Select-a-vent
211	Coloured pre bent tube
150	High power
238	Glitter (see page 15 for details)
239	Picture insert/football logo (see Paediatric Brochure)
263	Low condensation tube
262	Ultra carved profile
261	Marble effect
153	Acoustic filter
152	Libby horn
282	Stay dry libby horn
264	Tube lock tubing
275	Non allergic coating
250	Swim plug cord
177	Gold plating
324	Nanoscreen anti bacterial earmould coating
264	Tube lock insert

Due to the large range of materials offered, please quote the full earmould code

PreciseSound

CUSTOM EARPHONES

Perfect for enhancing your listening experience. Customised earphone adaptors deliver the best possible sound quality from your earphones while you listen at a lower, safer volume.



CUSTOM EARPHONE ADAPTORS

TYPE	DESCRIPTION	
EM2180	Custom earphone adaptor for iPod™ type earphones	<p>Our PreciseSound™ range of custom earphones is perfect for enhancing your listening experience and delivers the best possible sound quality from your earphones while you listen at a lower, safer volume. Since these earphones are customised they are always a perfect fit and offer unrivalled comfort.</p> <p>Available for most makes of earphones please enquire for more details.</p> <p>Earphones may vary depending upon availability.</p>
EM2185	Custom earphone adaptor for in-the-ear earphones (available for most earphones)	
EM5360	Custom creative EP630 (including earphones)	
EM5120	Custom Sennheiser 280 (including earphones)	
EM5121	Custom Shure SE215 (including earphones)	

WaterBarrier

CUSTOM WATER PROTECTION

Universal dB custom floatable WaterBarrier™ swim plugs and earplugs for water protection form a tight seal to help prevent water entering the ear canal whilst swimming, showering, diving, windsurfing, waterskiing or participating in ironman, triathlon or other water sports.



SWIM PLUGS

			
EM2119 SWIM PLUG	EM2119 - CAT FLOATABLE	EM2119 - MF MICROFLEX	EM3119 WATERBARRIER
Soft acrylic	Silicone floatable	Silicone Microflex	NANO coated floatable water protection with case and skin care gel

NoiseBarrier

CUSTOM HEARING PROTECTION



NoiseBarrier® is an innovative custom hearing protection earplug that provides a high level of hearing protection where excessive noise is an issue. It is widely used across a range of industries and is highly recommended by independent audiologists. The Health & Safety Executive (HSE) and Occupational Safety & Health consultants recommend the use of custom earplugs for effective hearing protection. NoiseBarrier® has been developed by Universal dB, a UK manufacturer of custom hearing products and a major supplier to the NHS for almost 50 years.

NoiseBarrier® is suitable for:

- Musicians/vocalists
- Attending concerts/clubs
- Working environment
- Shooting
- Machine/power tool operation
- Flight plugs for pressure and stress relief

Protect your hearing and still hear!



NOISEBARRIER CUSTOM FILTERED HEARING PROTECTION

- Super soft silicone material
- Filter allows speech etc to be heard
- Long lasting
- Supplied with case, skin care gel, cleaning tool & instructions
- Certified to EN352-2:2002



SNOREPLUG

SnorePlug™ custom earplugs are ideal for situations where it is essential to block out background snoring or traffic noise. Earplugs are custom made for a perfect fit and all night performance & comfort. Available in a choice of colours, SnorePlug™ custom earplugs are made from soft medical grade silicone and come complete with a storage case and skin care gel.



ER SERIES

The Elacin ER series of hearing protection products is perfect for musicians and widely acknowledged as being the flattest attenuating noise protection product in the world. Available with a choice of ER9,15 or 25 filters they are certified to European Noise Regulations EN352-2.



ACS PRO

A new standard in musicians' hearing protection offering a number of features that create an unrivalled experience for the wearer, allowing both listening and performing in comfort with impeccable clarity. Available with a choice of filters to suit the requirements of the user.



CENS

CENS™ (Custom Electronic Noise Suppressors) are a lightweight, unobtrusive, super comfortable form of shooting hearing protection. These custom made protectors are perfect for clay pigeon shooting, game shooting or just target practice. The digital amplifier allows normal conversation and mobile phone use yet effectively suppresses gunshot noise.



SONIC VALVE

Custom Sonic Valves provide a uniquely intelligent solution to hearing protection whilst shooting. The passive valves react upon impulse from sound waves and shutdown momentarily when the gun fires but allow normal hearing otherwise. Valve barrels can be removed for easy cleaning of the moulds.



ER20™ UNIVERSAL PROTECTORS

A cost effective, ready to use, one-size-fits-all earplug that closely replicates the ear's natural frequency response. The earplugs reduce sound levels by 16dB while minimizing high frequency roll-off providing high fidelity hearing protection for musicians and users in clubs and concert arenas.

COMMUNICATION



TALKBACK EARPIECE

- Discrete earpiece which fits in the ear and is virtually undetectable
- Used by television presenters, police forces, doormen and ideal for covert situations
- Full range of tubing and adaptors available



Universal dB's custom talkback audio communication earpieces for radio and TV broadcasting allow the user to choose the most appropriate device to suit their individual circumstances.



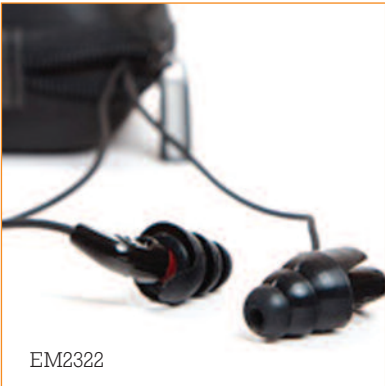
NOISEBARRIER™ COMMUNICATOR

This combines NoiseBarrier™ hearing protection with a talkback communication tube and has advantages for people who need communication in noisy places i.e. security workers in night cubs, TV presenters in sports grounds etc.



T1™, T2™, T3™ CUSTOM IN EAR MONITORS

This professional range of in ear monitors offer the best in sound isolation and comfort. Providing superb clarity and depth of sound, they are designed for people who require the best in audio reproduction.



T15 MODULAR MONITORS™

Used in conjunction with the Elacin ER Series and ACS Pro Series, these monitors are for people who require the perfect listening experience with superb clarity. The monitor is easily interchangeable with the ER/PRO Series filter.

ACCESSORIES

This is just a small selection of the products available. Customised earpieces and adaptors are available for most types of communication equipment. Please enquire for further details.



Communication earpiece
For TV presenter or security person. Features custom earmould and coiled tube which is both kink and moisture resistant.



Extension tube
For communication earpiece featuring 1/2mtr pvc extension tube with male and female tubing adaptors.



Deluxe uniduct communication tube
Featuring moulded ear loop with tip and female tubing adaptor connected by 1/2mtr pvc tubing.



Super uniduct communication tube
Featuring soft mushroom generic ear tip and female tubing adaptor connected by 1/2mtr pvc tubing.



Moulded ear loop with tip



Soft mushroom ear tip



Tubing adaptor female



Tubing adaptor male

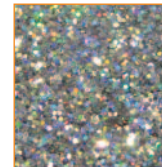
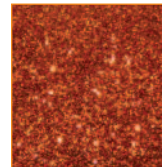
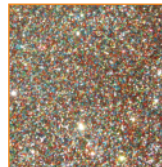
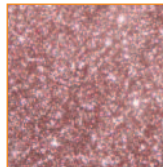
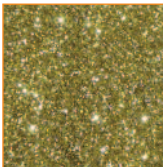
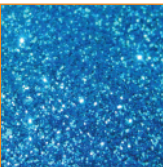


Clothing clip tubing adaptor female

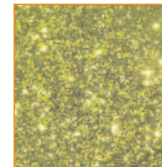
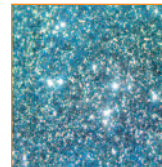
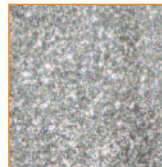
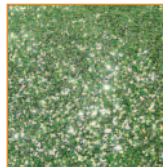
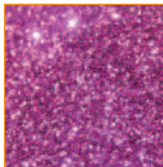
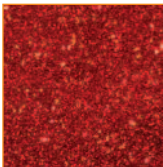
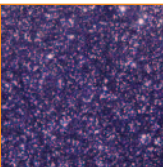
COLOURS

COLOUR	MATERIAL													
	Acrylic	Acrylic (transparent)	Acrylon	AVC	Biopore/NoiseBarrier	Catamaran/Water Barrier	Microflex	Micropor	Molloplast	Non cadmium	PSA	Silicone	UHA	Uniflex
Beige	•			•	•				•					•
Black	•			•	•	•			•					•
Blue	•	•		•	•	•			•					•
Blue (Light)	•			•		•			•					•
Blue (Dark)	•			•		•			•					•
Brown (Light)	•			•			•		•		•			•
Brown (Mid)	•			•										•
Brown (Dark)	•			•					•					•
Cerise	•			•					•					•
Clear	•			•		•			•				•	•
Crimson	•			•					•					•
Fluorescent Blue	•			•					•					•
Fluorescent Green	•			•		•			•					•
Fluorescent Orange	•			•		•			•					•
Fluorescent Pink	•			•		•			•					•
Fluorescent Red	•			•					•					•
Fluorescent Yellow	•			•		•			•					•
Green	•	•		•	•		•		•					•
Green (Light)	•			•					•					•
Green (Dark)	•			•					•					•
Lilac	•			•					•					•
Neon	•	•		•					•					•
Orange	•	•		•	•		•		•					•
Pink	•	•		•					•	•		•		•
Pink (Light)	•			•	•				•					•
Pink (Dark)	•			•		•		•	•					•
Purple	•	•		•	•	•	•		•					•
Red	•	•		•	•	•	•		•					•
Reddish (Transparent)	•		•	•	•	•	•		•				•	•
Violet	•			•					•					•
White	•			•	•	•	•		•					•
Yellow	•	•		•	•	•			•					•

GLITTER COLOUR	MATERIAL													
	Acrylic Hard	Acrylic Soft	Acrylon	AVC	Biopore/NoiseBarrier	Catamaran/Water Barrier	Microflex	Micropor	Molloplast	Non cadmium	PSA	Silicone	UHA	Uniflex
Royal Blue	•			•		•			•					•
Sky Blue	•			•		•			•					•
Gold	•			•		•			•					•
Lime Green	•			•		•			•					•
Sea Green	•			•		•			•					•
Mother of Pearl	•			•		•			•					•
Multicolour	•			•		•			•					•
Orange	•			•		•			•					•
Pink	•			•		•			•					•
Purple	•			•		•			•					•
Red	•			•		•			•					•
Rose	•			•		•			•					•
Silver	•			•		•			•					•
Yellow	•			•		•			•					•



Royal blueGoldLime greenPinkMulticolourOrangeMother of pearl



PurpleRedRoseSea greenSilverSky blueYellow

The colour swatches shown are as closely matched as possible for the method of reproduction.

COLOURS

MICROFLEX COLOURS

					
M1 Dark Pink	M2 Beige	M3 Red	M4 Yellow	M5 Orange	M6 Purple
					
M7 Blue	M8 Green	M9 Black	M10 White	M11 Reddish (Transparent)	M12 Clear

BIOPORE/NOISEBARRIER COLOURS

					
BIO1 Green	BIO2 Red	BIO3 Yellow	BIO4 Purple	BIO5 Orange	BIO6 Light Pink
					
BIO7 Black	BIO8 Blue	BIO9 White	BIO10 Reddish (Transparent)		









CATAMARAN/WATERBARRIER COLOURS

					
CAT1 Fluorescent Yellow	CAT2 Fluorescent Pink	CAT3 Fluorescent Green	CAT4 Dark Blue	CAT5 Red	CAT6 Purple
					
CAT7 Light Blue	CAT8 Beige	CAT9 Black	CAT10 White	CAT11 Reddish (Transparent)	CAT12 Fluorescent Orange

OPAQUE ACRYLIC COLOURS

					
A1 Fluorescent Pink	A2 Yellow	A3 Blue	A4 Cerise	A5 Green	A6 Light Brown
					
A7 Brown	A8 Dark Brown	A9 Fluorescent Yellow	A10 Black	A11 Orange	A12 Light Pink
					
A13 Purple	A14 Red				

TRANSPARENT ACRYLIC COLOURS

					
A15 Purple	A16 Red	A17 Yellow	A18 Pink	A19 Neon	A20 Orange
					
A21 Blue	A22 Green				

MARBLE EFFECT



Marble effect earmoulds are available in a variety of materials and colours. Please refer to the Paediatric brochure for details and availability.

A KNOWLEDGEABLE AND EXPERIENCED PAEDIATRIC TEAM

Our dedicated paediatric team ensure that our customers receive the best possible service in terms of quality and turnaround times as well as possibly the largest section of picture inserts, colours and glitters to choose from.



Please ask for a copy of our
Paediatric Audiology Catalogue.

TUBING

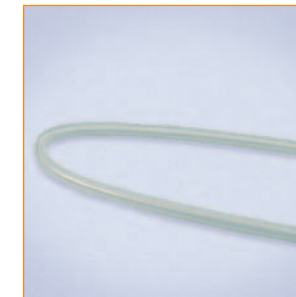
We have a large range of tubing and adaptors available for earmoulds.



Standard pre-bent



Thick wall pre-bent



Stay dry pre-bent



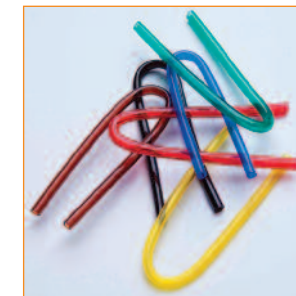
Tube lock pre-bent



Double bend pre-bent



Libby horn tubing 3mm or
4mm - standard or stay dry



Coloured earmould tubing
Various colours



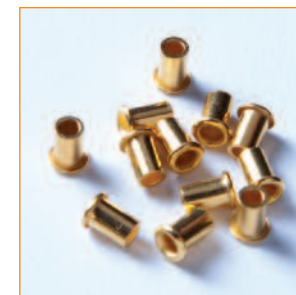
Earmould tubing (100m coil)
Standard or thick wall



Barbed elbow tubing
adaptor



Select-A-Vent inserts



Tube lock insert Tubing
retainer for soft earmoulds



Coiled tube For presenter or
security type earpiece

EARMOULD HYGIENE



292

Audio spa sterilizing bath and Nitradine™ soluble sterilizing tablets

- The audio spa case is supplied with batteries, cleaning brush, and Nitradine™ tablets
- A unique disinfecting treatment after just a 15 minute immersion
- Highly effective in removing microbial biofilm from synthetic polymers
- Compatible with all types of synthetic polymers
- Easy to use effervescent non toxic tablets
- Effective at removing ear wax from earmoulds
- Non irritating and non allergic solution
- Eliminates infection causing bacteria when used with Nitradine™ tablets
- Supplies of Nitradine™ tablets are available from Universal dB

NON ALLERGIC MATERIALS

Our large range of Non Allergic materials, along with a FREE Patch Test Sample service and NANOSCREEN coating option ensures an ideal solution can be provided for almost any patient with allergy problems.



Acrylon
Hard urethane material, suitable as an alternative to hard acrylic in any type of earmould. Available in reddish transparent colour.



Microflex
Soft silicone material useful where a good seal is required and also suitable for fully carved earmoulds. Large choice of colours.



Micropor silicone
Heat vulcanising silicone material which is semi soft. Can be combined with non cadmium to form a soft tip earmould.



Non cadmium
Hard, non allergic acrylic. Clear is standard but a choice of colours, picture inserts and glitter is available.



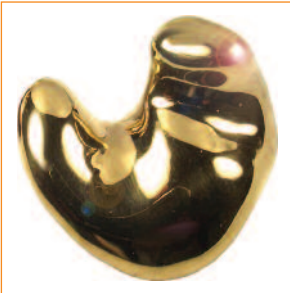
Molloplast
Pink silicone material, available for all types of earmoulds.



PSA
Pink soft acrylic. Softens with the warmth in the ear for extra comfort and a good seal.



UHA
Hard, pink non allergic earmould material.



Gold Plated
Most hard earmoulds can be Gold plated in order to counteract serious allergy problems. Since these moulds cannot be adjusted once complete, we offer the free of charge option of a trial pre-fit prior to plating, to ensure a perfect fit.



Biopore
Resilient, semi soft silicone material. Reddish transparent as standard but available in a variety of colours.



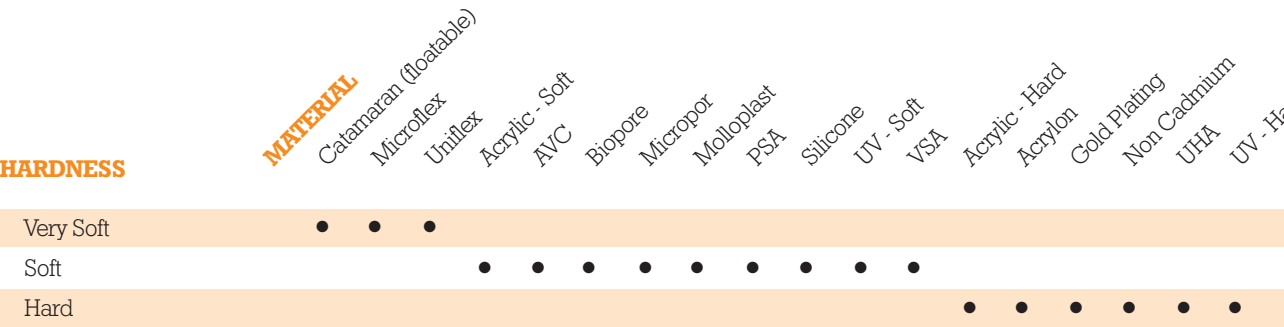
VSA & AVC
Soft non allergic acrylic. Clear as standard but is available with a choice of colour, picture and glitter. Softens with the warmth in the ear for extra comfort and a good seal. AVC version is the same as VSA but expanded for higher power aids.



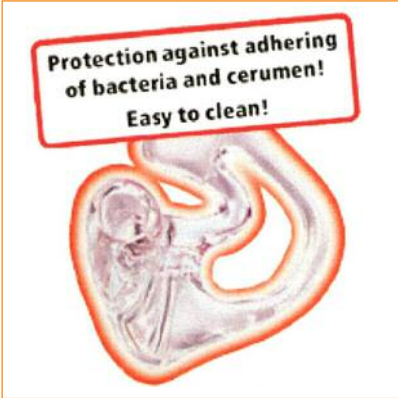
Uniflex
This non allergic silicone is the softest material we offer for earmoulds. It is suitable for carved shells and skeletons and available in clear or reddish transparent with or without picture inserts.

For colour reference see pages 14 - 17

MATERIAL HARDNESS



NANOSCREEN

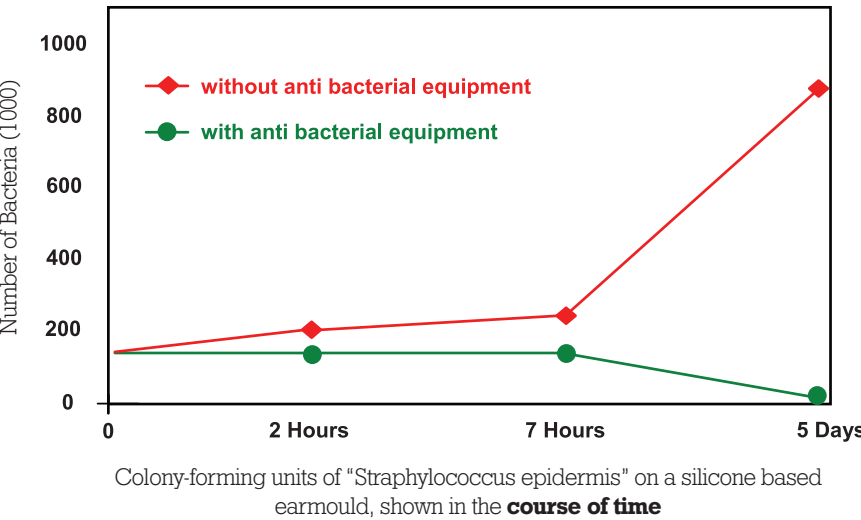


NANOSCREEN ANTI BACTERIAL COATING FOR HARD ACRYLIC AND SILICONE EARMOULDS

- Effective Hypoallergenic Coating for Earmoulds
- Prevents growth of Surface Bacteria
- Reduced risk of ear Inflammation and Infection
- Seals and Protects the earmould surface

- Existing earmoulds can be coated
- New earmoulds can be coated after adjustment or re-shaping
- Minimises the Adherence of Wax and other substances making the earmould easy to clean
- Helps to preserve the Aesthetic Properties of the earmould
- Long-Lasting Resilient Coating which Extends the Life of the earmould

BACTERICIDAL EFFICIENCY OF NANO LACQUER



Available for hard and soft Silicone earmoulds.



Contact us anytime we would love to hear from you.

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