

# addition ultra®



Instructions for use

**Ear impression silicone, addition curing, low viscosity, for pressure-free impression taking**

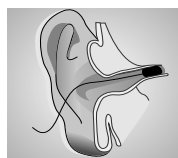


Fig. 1

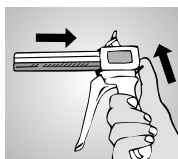


Fig. 2

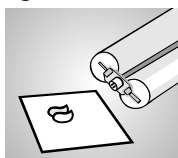


Fig. 3

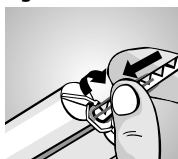


Fig. 4



Fig. 5

## 1. Ear preparation

Before taking an impression, the auditory canal and the eardrum have to be examined. If distinctive features are found (eg inflammations or perforation of the eardrum) impression must not be taken. In case of thick cerumen deposits and hairs in the auditory canal, the auditory canal has to be cleaned and depilated. Before taking the impression, the eardrum must be protected with an impression plug placed at the end of the external auditory canal in front of the eardrum (Fig. 1).

## 2. Mixing

Place cartridge into Automix1-System mixing gun (Fig. 2) and unscrew cap. Carefully extrude a small amount of material to ensure proper flow from both orifices (Fig. 3). Insert mixing cannula into guide grooves on cartridge and rotate anti-clockwise to a stop (Fig. 4). If necessary, mount also an Intra-Tip. For reducing efforts during injection, mixing cannulas of a larger diameter (9 mm) can be used alternatively. Dispenser is now ready to mix silicone in any amount needed. Slowly apply the impression material into the auditory canal until the concha is filled completely (Fig. 5).

Particularly light bodied **addition ultra®** allows an almost pressure-free, steady flow into the ear. Keep the end of the cannula immersed on the surface of the material during dispensing. Leave mixing cannula on cartridge after use, thus sealing the cartridge. After curing remove the impression carefully from the ear. Re-examine the ear.

## Important working hints

- Do not combine with condensation curing silicones.
- Cured impression materials are chemically inert – spots on clothing should be avoided.
- Be sure to remove all traces of impression material from the patient's ear.
- Latex gloves and latex contaminated surfaces as well as cerumen, cremes and resins may affect the setting reaction of **addition ultra®** (we recommend standard gloves made of nitrile rubber or polyethylene).
- Increased temperatures accelerate, decreased temperatures retard the setting time.

## Safety advice

The impression taking of the external auditory canal only has to be executed by qualified personnel. The working instructions and precautionary measures have to be strictly observed. Non-observance might lead to irreparable damage of the ear or ear drum.

DETAX is not liable for any damage caused by improper application of the impression material.

## Indications for use:

- Ear impression

## Technical data:

- **Mixing volume:** 50 ml (cartridges)
- **Mixing ratio:** 1:1
- **Colour code:** base: blue catalyst: white
- **Mixing time:** omitted (Automix-system)
- **Setting time:** approx. 4 - 5 min. at body temperature
- **Final hardness:** approx. 37 Shore A
- **Strain in compression:** 3.5 % ± 0.5 %
- **Recovery from deformation:** 99.45 %
- **Linear dimensional change:** < 0.2 %
- **Application:** At 23 °C ± 2 °C / 73 °F ± 4 °F, 50 ± 5% rel. humidity

## Ordering information:

**addition ultra®**  
Standard packing **02082**  
Cartridges of 8 x 50 ml  
Base + Catalyst  
(sufficient for approx.  
50 ear impressions)

**02123**  
Mixing cannulas 6 mm  
50 pcs.

**02393**  
Mixing cannulas 6 mm  
100 pcs.

**02047**  
Mixing cannulas 9 mm  
50 pcs.

**02186**  
Mixing cannulas 9 mm  
100 pcs.

Intra-Tips **02345**  
96 pcs.

Mixing gun **02083**

# DETAX

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06/2008