stomdevice

Zhermack

Dental

# GINGIFAST

vinylpolysiloxane (addition silicone)
for the gingival reproduction on models

Gingifast Elastic
Gingifast Rigid
Gingifast CAD Elastic
Gingifast CAD Rigid

Last Update: 2021-11

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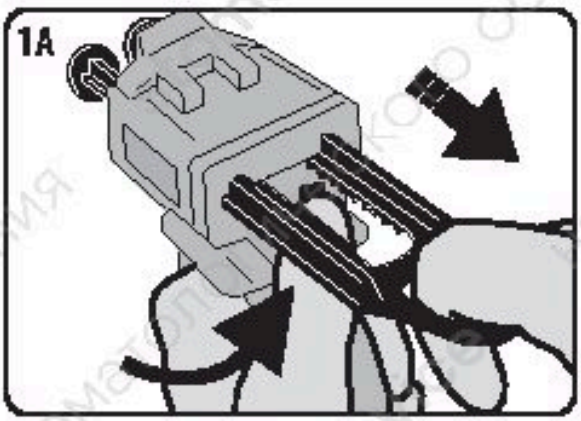
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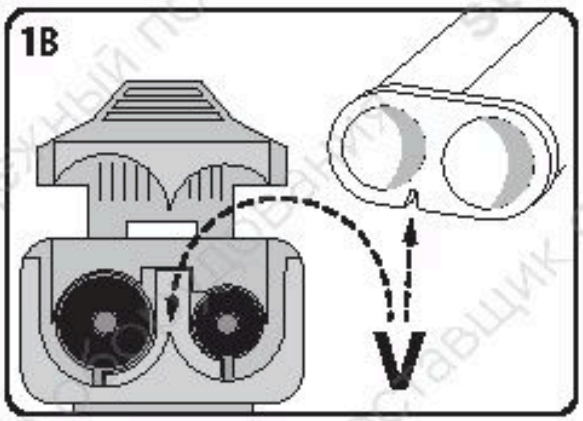
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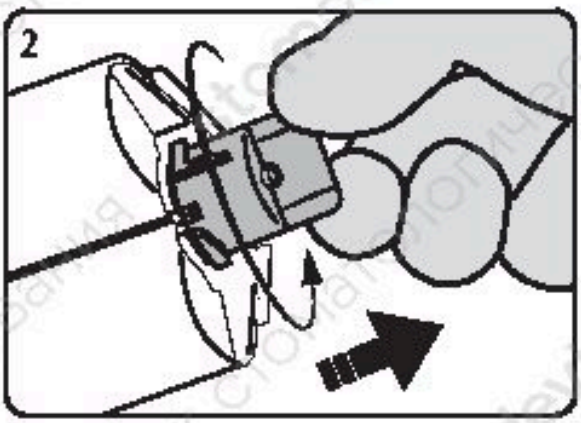
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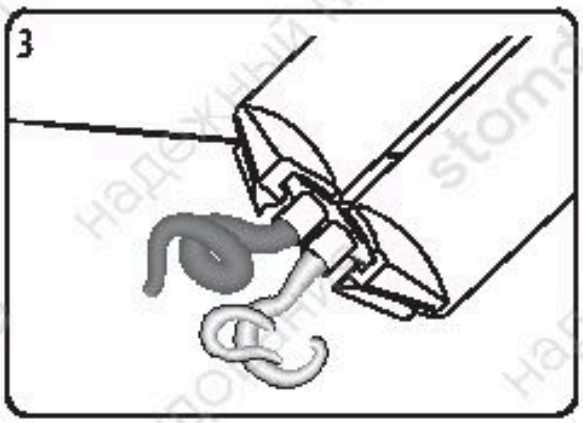
# Gingifast 1:1 (50 ml)
# Instruction for use with D2 dispenser

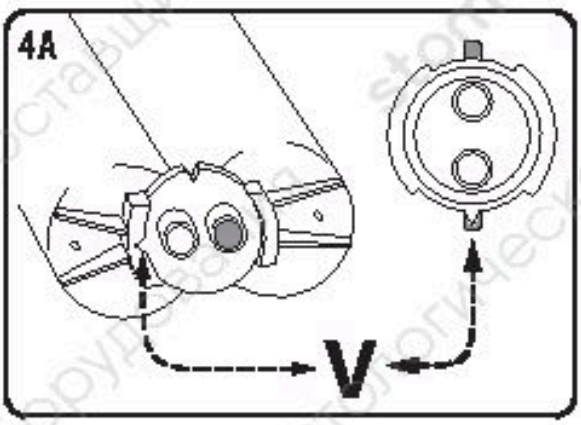
## 结合D2输送器使用的说明

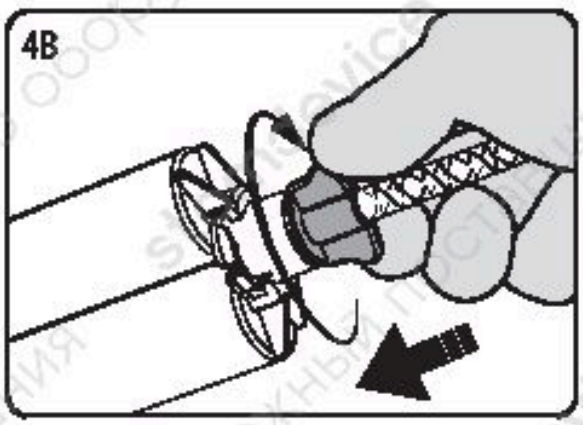



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**ADDITION CURED SILICONES (VINYLPOLYSILOXANES) FOR THE REPRODUCTION OF HIGH-PRECISION GINGIVAL MASKS. CAD VERSIONS ALLOW SCANNING THROUGH CAD/CAM SYSTEMS. (i.e. reproduction of gingival tissue)**

**Technique for fixed prosthesis – indirect method**

1. Before sectioning the model, use Zetalabor, Titanium, or Platinum to prepare a template/matrix thick enough to cover the section of the model required.
2. Remove the gingival area you wish to reproduced in order to create the space which will be filled up by Gingifast (minimum 2mm thick).
3. Use a burr to make holes in the Zetalabor template/matrix. The number of holes will vary according to the size of the area you wish to reproduced; we suggest you to make at least 2 holes on each side.
4. Steam clean the model thoroughly in order to eliminate dust. Insulate the inside of the Zetalabor template/matrix, treating the surface with the Separator provided. Replace the Zetalabor template/matrix on to the model.
5. Insert the Gingifast cartridge into the dispenser (see "Device preparation" at the bottom of the page), apply mixing tip and fine tip. In order to get the silicone flowing easily during the injection, we suggest you to cut the fine tip so that it can get in the template hole easily.
6. Inject Gingifast slowly, starting from the vestibular side, pressing constantly on the dispenser lever until the material flows out of the free hole on the opposite side of the template/matrix. To avoid bubbles do not interrupt the injection of the Gingifast until the template/matrix is completely filled. Total working time is about 2 minutes at 23° C (73° F). Wait for a minimum of 10 minutes until it is completely set 23° C (73° F).
7. Remove the silicone template/matrix carefully, then remove the reproduced gingiva. During this operation, the injection channels will hold them in place, they can be removed or, eventually cut, in order to avoid any tearing of the new gingiva.
8. Proceed with finishing. Remove burr using regular cutting tools which have been sharpened well or a knife for soft materials.

**Technique for implants – direct method**

1. Directly on the impression, define the area you intend to reproduce with gingiva by building a wax border.
2. Apply Separator all over the surface involved. Wait until the Separator is dry.
3. Insert the Gingifast cartridge in the dispenser (see "Device preparation" at the bottom of the page), apply the mixing tip and the fine tip. In order to improve the flow of silicone during injection, we suggest you cut the end off the fine tip.
4. Start injecting slowly, pressing on the dispenser lever. The material flows into all areas, even those which are difficult to see. Total working time is about 2 minutes at 23° C (73° F). Wait for a minimum of 10 minutes until its completely set 23° C (73° F).
5. Create the model as usual, using materials such as plaster, polyurethane resin, etc. There is no need to insulate: Gingifast is compatible with all casting materials when it is set.
6. When the model is ready, remove the impression, then remove carefully the gingiva reproduced.
7. Proceed with finishing. Remove burr using regular cutting tools which have been sharpened well or a knife for soft materials.

**Important notes**

Polyvinylsiloxanes (addition cured silicones) have an excellent dimensional stability, so the product will maintain a precise gingival margins for a long period of time.

**Addition silicones have an excellent elastic memory, that's why the template can be repeatedly inserted and removed from the model. However, when Gingifast Rigid is used, its tear strength is proportional to those cutting features which the product was made for. Therefore, we suggest you to pay attention when stressing the material, as it could snap.**

It is very important to use the Separator in order to avoid: 1) Adhesion, eg contact with addition or condensation silicones; 2) Incompatibility: eg contact with polyether-based impression materials. Surfaces touching the Gingifast must be perfectly clean and oil-free, otherwise the setting can be contaminated. A result of contamination is that Gingifast will appear partially sticky and not seem to set properly in certain areas.

**SEPARATOR FOR GINGIFAST**

SEPARATOR is a ready-to-use solution that enables isolation between material surfaces of the same nature to avoiding adhesion.

Separator can be applied to reproduce gums on models in association with Zhermack's Gingifast Elastic Zhermack and/or Gingifast Rigid Zhermack, and in all cases where it is necessary to prevent adhesion between compatible materials.

SEPARATOR can be applied on condensation silicones (Zetalabor, Titanium, for C-Silicone-based impression materials) and addition (Platinum, Gingifast, for A-Silicon-based impression materials).

SEPARATOR also reduces the inhibitions of A-Silicon cross-linking due to contact with incompatible materials (for example, for polyether-based impression materials). For best performance, only concerning polyether-based material, it is recommended to wait at least 5 hours after casting the impression before applying. The polyether impressions should be accurately washed and dried with a gentle blow of air before applying Separator.

**INSTRUCTIONS FOR USE**

This product can be applied either directly onto the dry impression (direct technique) or into a silicone matrix (indirect technique)

- Make sure that the surfaces to be isolated are thoroughly cleaned and dried.
- Spread Separator using the brush, or using the vaporizing accessory included in the kit.
- Wait for Separator to dry completely, until the surface becomes opaque. Drying time can be shortened by using a gentle blow of air.

**WARNINGS**

Close the bottle tightly after use.

Possible product deposits or separation of components within the bottle are to be considered normal and do not jeopardise product quality. If this happens, shake well before use.

**DEVICE PREPARATION**

Assemble the device as shown in the drawings (1A-1B-2).

Warning: Before putting on the mixing tip, ensure that the two components (base and catalyst) flow out evenly by applying a light pressure on the dispenser lever and extruding a small amount of material, which must be removed (3).

Subsequently, insert the mixing tip on to the cartridge (4A-4B) and, if required, the fine tip on to the end of the mixing tip.

**CLEANING AND DISINFECTING THE DISPENSER**

To clean, disinfect or sterilise the dispenser, always follow the manufacturer's instructions.

**CONSERVATION**

Shelf life, 24 months at 5 to 27° C (41 - 80° F).

**IMPORTANT NOTES:** Advice given verbally, in writing or in demonstrations of the use of our products is based on the current state of dental technique and on our know-how. It is to be considered informative and non-binding, even in relation to the rights of third parties, and does not exempt the user from personally ensuring that the product is suitable for the intended application. Use and application by the user is beyond the manufacturer's control and is therefore the user's responsibility. Any liability for damage shall be limited to the value of the goods supplied by the manufacturer and used by the user.

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