

A-SOFT RELINE 30 Combi-Kit

Recommendation for Use

Soft Relining Material Based on Addition Curing Vinyl Silicones

A-SOFT RELINE 30 Combi-Kit is designed as a kit to meet high requirements of modern fabrication of permanently soft relinings. The kit consists of A-SOFT PRIME, A-SOFT LINE 30 (AUTOMIX) and A-SOFT VARNISH.

A-SOFT LINE 30 is a **Long-term soft relining material** based on **addition curing vinyl silicones in auto-mixing cartridges**. A-SOFT LINE 30 is suitable for application on all synthetics based on polymethylmethacrylate and for a fast and easy fabrication of permanently soft relinings; chairside or indirect use in the dental laboratory.

A-SOFT LINE 30 relieves pressure areas in the upper and lower jaw. It provides the post-damming in case of adhesion problems and with flabby ridges: The position of the upper and lower dentures are fastened by increased adhesion. Sharpridged alveolar processes are elastically covered.

A-SOFT LINE 30 is also suitable for cushioning of implants and as overdentures during the healing process.

A-SOFT PRIME is a bonding agent between A-SOFT LINE 30 and the denture, and **A-SOFT VARNISH smoothes the rough trimmed surfaces** of the soft relining material.

1. Preparation of the Denture

Remove completely the old existing relining. Grind off the denture base approximately 1-2 mm. Incorporate at the vestibular, lingual resp. dorsal borders a shoulder of approximately 2-3 mm in height with a dept of minimum 1 mm. Round *off* the borders and clean the denture thoroughly. Traces of grease has to remove by means of pure medical alcohol and let dry.

2. Applying A-SOFT PRIME for Adhesion

Apply A-SOFT PRIME uniformly and completely onto the grinded and cleaned denture areas to which the material has to adhere. Let the primer dry for approximately **1 minute**. After use close the bottle immediately. Saliva, humidity or monomer liquids prevent the adhesion of A-SOFT LINE 30 to the denture base.

3. Gun and Cartridge

Mount the safety cartridge into the application gun. Remove and dispose the closure-cap. For exact flow control extrude slightly material until uniform flow from both orifices is achieved. Install the mixing cannula onto the cartridge and extrude needed material.

Note:

Store used cartridge with fixed used mixing cannula. **Do not re-use the cartridge cap.** Closing the cartridge by turning on the cap between use could cause cross contamination or components and thus premature setting.

4. Relining of the Denture

4.1. Direct Chairside Relining Method

A-SOFT LINE 30 has to be applied uniformly from the cartridge as described under point 3 onto the vestibular, lingual resp. dorsal borders. Then coat completely the remaining denture with a layer of minimum 2 mm. It is essential, that all denture areas in contact with the gingiva have to be coated.

After coating of the denture, **which have to be done for not more than 1:00 minute** (working-time at 23°C or 74°F) seat the coated denture into the patients mouth and let him close in normal occlusion. Let the patient carry out all functional movements. Setting is finished after approximately **4 minutes**. Then remove the relined denture and trim as described under point 5 and 6.

4.2. Indirect Method in the Laboratory

Invest denture to be relined into a flask with counter. Remove denture from the flask and prepare as described under point 1 and 2. Coat the model with an usual alginate based insulation. Extrude the required amount of A-SOFT LINE 30 from the cartridge as described under point 3 and apply it uniformly onto the denture area to be relined. The layer of A-SOFT LINE 30 should be approximately 1 mm more than the base material has been grinded off.

Close flask with counter. Press with light pressure for approximately **30 minutes** (at 23°C or 74°F) or place flask in a pressure pot at **0-45 °C (104-113 °F)** for approximately **10 minutes**. Then deflask the relined denture and trim and polish as described under point 5 and 6.

Notes:

Do not use with standard (condensation reaction type) silicone impression materials.

Do not use Latex gloves, they may interfere with the setting reaction of the impression material.

5. Trimming of the Denture

Smoothing of uneven spots: Remove excess material with a sharp scalpel or fine scissors. Then smooth rough areas and borders by means of a suitable grinding instrument (grinding sleeve for silicone materials) with approximately 8000 r.p.m. under low pressure.

Final Polishing of the Denture with A-SOFT VARNISH

For smoothing only of the trimmed functional borders use the enclosed **A-SOFT VARNISH**, which has to be used as a **1:1-mix of A-SOFT VARNISH Base and A-SOFT VARNISH Catalyst**: From the bottles of catalyst and base liquid, drop **5 drops** from both onto a well and mix it together with a spatula to a homogenous mixture and brush on the mixed liquid. Let dry at room temperature for approximately **5 minutes**.

7. Cleaning Hints for the Patient

Brush the relined denture several times a day under running water with a tooth brush and neutral soap. Cleaning bath: up to a maximum of 10 minutes.

8. A-SOFT RELINE 30 Combi-Kit consisting of:

A-SOFT PRIME	5 ml bottle
A-SOFT LINE 30 (AUTOMIX)	50 ml safety cartridge
A-SOFT VARNISH Base	5 ml bottle
A-SOFT VARNISH Catalyst	5 ml bottle
6 mixing cannulas	

9. Storage

Do not store above 25 °C (78 °F). Do not use after expiration date.