

USING MUCOPREN® SOFT

IN THE LAB



1

Removing the impression material

After the denture to be relined has been set in plaster in the relining device, the impression material can be removed.



2

Milling

Then grind the surface with a burr to the desired layer thickness of the long-lasting soft reline material.



Burr(s)

Recommendation: Burr ISO 500 104...

3

Grinding the edge

For a clean vestibular transition from the permanently soft reline material to the prosthetic acrylic, it is recommended to grind in a right-angled edge.



Burr(s)

Recommendation: Burr ISO 500 104...

4

Applying adhesive

Apply **Mucopren®** Adhesive once thinly with a brush onto the areas to be relined.



Mucopren®
Adhesive

Then allow to air dry for 90 seconds.
Note: It should be ensured that the adhesive is applied beyond the edge.

5

Isolating the plaster model

Brush the plaster model with an insulating agent during air drying.



Conventional
isolating agent,
brush

Note: Agar-agar-based isolation can form a breeding ground for micro-organisms, e.g., *Candida albicans*, and must not be used.

6

Applying Mucopren® Soft

Apply the cartridge with the **Mucopren®** Soft reline material (blue cap) evenly using the Applyfix 4 dispensing gun.



Mucopren®
Soft, Applyfix 4

Discard a small amount of reline material beforehand for optimum mixing of the two components ("continuous extrusion").
Note: Leave the tip opening of the mixing tip in the material to prevent air bubbles. Working time: 2 min. 15 sec.

7

Placing in the relining device

Insert the relined denture into the relining device.



Relining device

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8	Relining device in the pressure pot Put the relining device in a pressure pot (without pressure) or a water bath containing warm water at $\geq 50^{\circ}\text{C}$ for at least 3 minutes.		Water bath / pressure pot	Note: Dentures that are not made of conventional autopolymers should be placed in a temperature-controlled water bath ($30^{\circ}\text{C} - 35^{\circ}\text{C}$) for 2 hours.
9	Preparing After curing, remove excess material using scissors, a scalpel and/or a rotary instrument to ensure a clean transition from the denture acrylic to the long-lasting soft reline margin.		Burr, e.g., 'Figur 82060' from Busch, scalpel, scissors	Steel burs with cross-cut are suitable for rough processing of the long-lasting soft reline materials.
10	Fine processing Subsequent fine processing can be carried out using the polishing discs (included in the basic set). Ground acrylic surfaces can be polished according to the usual procedure.		Polishing disc	Do not use any greasy polishing pastes. Always clean with hot water (steam cleaner) and dry before sealing.
11	Applying silicone sealant Apply a thin layer of Mucopren® silicone sealant (red cap) to the prepared surface of the long-lasting soft reline material.		Mucopren® silicone sealant, Applyfix 4	We recommend placing a small amount of Mucopren® silicone sealant in a suitable container (see acrylic insert) and applying it with a brush within 90 seconds.
12	Consider the transition Apply the silicone sealant up to the transition from the hard to the soft denture material with a brush (included in the basic set).		Mucopren® silicone sealant, brush	
13	Ensuring freedom from adhesion The silicone sealant is adhesion-free after at least 5 minutes. During this time, make sure the silicone sealant remains untouched.			Note: The final mechanical properties of the silicone sealant are achieved after several hours at mouth temperature.
14	Water bath Finally, place the relined denture in warm water at 50°C for 45 minutes.		Water bath / pressure pot	Alternatively, the denture can be put in the pressure pot at 50°C (without pressure).