

Directions for Use

Soft Relining Silicone Material based on A-Silicone

Oxford Reline SOFT System is designed as a kit to meet high requirements of modern fabrication of permanently soft relinings. The kit consists of Oxford Prime SOFT, Oxford Reline SOFT and Oxford Gloss VARNISH.

Oxford Reline SOFT is a long-term soft relining material based on addition curing vinyl silicones in auto-mixing cartridges. Oxford Reline SOFT 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. It meets the requirements of ISO 10139-2.

Oxford Reline SOFT 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.

Oxford Reline SOFT is also suitable for cushioning of implants and as overdentures during the healing process.

Oxford Prime SOFT is a priming agent between Oxford Reline SOFT and the denture, and Oxford Gloss VARNISH smoothes the rough trimmed surfaces of the Oxford Reline SOFT areas.

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 have to be removed by means of pure medical alcohol and let dry.

2. Applying Oxford Prime SOFT for Adhesion

Apply Oxford Prime SOFT 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 Oxford Reline SOFT to the denture base.

3. Gun and Cartridge

First Scientific Dental Materials GmbH only recommends for Oxford Reline SOFT the use of mixing cannulas type Oxford Mix TIP(O), pink.

Mount the 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 of components and thus premature setting.

4. Relining of the Denture

4.1. Direct Chairside Relining Method

Oxford Reline SOFT 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 has 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 the 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 Oxford Reline SOFT from the cartridge as described under point 3 and apply it uniformly onto the denture area to be relined. The layer of Oxford Reline SOFT should be approximately 1 mm more than the base material has been ground 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 **40-45 °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.

6. Final Polishing of the Denture

For smoothing only of the trimmed functional borders use the enclosed **Oxford Gloss VARNISH**, which has to be used **as a 1:1-mix of Oxford Gloss VARNISH A and Oxford Gloss VARNISH B**: drop **5 drops** from each bottle onto a well, 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. Storage

Do not store above 25 °C (77 °F). Do not use after expiration date.

Warranty

First Scientific Dental Materials GmbH warrants this product will be free from defects in material and manufacture. First Scientific Dental Materials makes no other warranties including any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusively remedy and First Scientific Dental Materials' sole obligation shall be repair or replacement of the First Scientific Dental Materials product.

Limitation of Liability

Except where prohibited by law, First Scientific Dental Materials GmbH will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

Keep away from children!

For dental use only!

Caution:

Federal law restricts the sale of this device to or by the order of a dentist.



Manufacturer:

First Scientific Dental Materials GmbH, 25335 Elmshorn, Germany

