



Dental Impression Material
FLEXSOFT RELINE
Flexible Soft-Relining Material

INSTRUCTIONS FOR USE
FlexSoft Reline Chairside Silicone Relining Material

Description:

FlexSoft Reline is a soft, addition-curing, silicone-based, denture-relining material. FlexSoft Reline silicone relining material is long lasting and can be used by the dentist chairside or by a laboratory technician. FlexSoft Reline cures entirely in the mouth, emitting no heat, odor, or unpleasant taste. And due to the silicone material characteristics, it absorbs less water than acrylic-based soft reline materials. FlexSoft Reline silicone relining material is available in an automix cartridge, which provides a dean and accurate mixture of material. The automix delivery system eliminates the messy handling of an acrylic-based system, therefore it is very easy to use chairside. FlexSoft Reline silicone soft relining material is used in conjunction with FlexSoft Reline bonding agent to ensure adhesion between the FlexSoft Reline relining material and the denture base. The FlexSoft Glaze is also available to help smooth the rough-trimmed surfaces of the relining material after curing in the mouth.

Indications:

FlexSoft Reline silicone soft relining material is suitable for application on all synthetic, polymethylacrylate based materials. FlexSoft Reline benefits include:

- The fabrication of permanent soft relining either chairside or indirectly in the dental laboratory.
- To relieve pressure areas in the upper and lower jaw.
- To provide post damming in case of problems with adhesion or flabby ridges
- It is increasingly used for the cushioning of implants and overdentures during the healing process.

Instructions for use:

1. Preparation of the denture or partial:
 - a. Grind off 1 to 2mm of the denture surface to be relined.
 - b. At the vestibular, lingual, and dorsal borders, incorporate a shoulder approximately 2-3 mm in height and 1 mm in depth.
 - c. Round off the borders and clean the denture/partial thoroughly.
 - d. Clean any greasy residue with alcohol and dry thoroughly.

2. Application of bonding Agent (the adhesive is used between the relining material and the denture):

- a. Apply the bonding agent uniformly and completely onto the ground and cleaned denture/partial in the area that the relining material will contact.
- b. Allow the bonding agent to dry for approximately 1 minute. Saliva, humidity, or a monomer liquid will prevent FlexSoft Reline relining material from adhering to the denture/partial base.

3. Application of dispensing gun and cartridge:

- a. Insert cartridge into the dispensing gun with notch in collar of cartridge down. Snap the lock assembly on the gun down, locking the cartridge into place.
- b. Remove the closure cap from the cartridge. Always bleed the cartridge (slightly extrude material until uniform flow from both orifices is achieved).
- c. Install the mixing tip onto the cartridge and extrude the needed material.
- d. Leave the used mixing tip in place after each use to seal the cartridge.

4. Relining of the denture or partial:

Direct chairside relining method: FlexSoft Reline silicone soft relining material must be applied uniformly from the cartridge onto the vestibular, lingual & dorsal borders. Then completely coat all of the areas of the denture/partial that will be in contact with the gingiva. Use a layer of 2 mm (minimum) in the thickness; follow recommended working time of the relining material. Seat the coated denture/partial into the patient's mouth. Close mouth in normal occlusion carrying out all functional movements. Remove the newly relined denture/ partial from the mouth after completely set (approximately 4 minutes) and trim all excess soft relined material away from the base.

5. Trimming and final polishing of the denture or partial:

Smooth uneven spots by removing excess material with a sharp scalpel or fine scissors. Then smooth rough areas and borders using a suitable silicone-grinding bur. For smoothing of the trimmed functional borders only, use the varnish material – mix the base and catalyst together with a spatula to a homogenous mixture and brush it on to the trimmed borders of the denture/partial. Air dry at room temperature for approximately 5 minutes.

CLEANING TIPS FOR THE PATIENT:

Brush the relined denture several times a day under running water with a tooth brush and neutral soap. If using a cleaning bath, soak denture in bath up to a maximum of 10 minutes daily.

STORAGE:

Shelf life is 2 years when stored at 74°F (23°C). Do not store above 80.6°F (27°C).

TECHNICAL DATA:

Material:	A-Silicones (Vinylpolysiloxane)
Appearance:	Color: Translucent and Translucent pink. Thixotropic fluid.
Mixing ratio:	1:1 base/catalyst mixing by mixing tip
Working Time / Setting Time:	Up to 2 minutes / Up to 4 minutes
Viscosity Brookfield (at 23°C) mPa.s (A:7 V:2.5):	Base 250000~350000 / Catalyst 300000~400000
Elastic Recovery:	99.8%
Linear Dimensional Change:	< -0.2%
Shore A Hardness:	28 after 24h from setting

LIMITED WARRANTY LIMITATION OF GDT-IMPLANTS LIABILITY:

GDT-Implants technical advice, whether verbal or in writing, is designed to assist dentists in using GDT-Implants product. The dentist assumes all risk and liability for damages arising out of the improper use of GDT-Implants product. In the event of a defect in material or workmanship, GDT-Implants liability is limited, at GDT-Implants option, to replacement of the defective product or part thereof, or reimbursement of the actual cost of the defective product. In order to take advantage of this limited warranty, the defective product must be returned to GDT-Implants. In no event shall GDT-Implants be liable for any indirect, incidental, or consequential damages.

