

### Introduction

Silk Line is designed to meet the high requirements of the modern fabrication of long-term soft denture relines. Silk Line is a long lasting soft denture relining material based on addition curing vinyl silicones in an automix cartridge. Silk Line is indicated for use with all polymethylmethacrylate based synthetics for fast and easy fabrication of direct chairside soft relines or for indirect use in the dental laboratory.

Silk Line relieves pressure areas and sore spots in the upper and lower jaws. It provides increased retention by creating a functional post-dam and also adapts well to even flabby ridges. The occlusion of full upper and lower dentures is improved by the increased retention and stability. Sharp ridged alveolar processes are elastically covered.

Silk Line is also suitable for cushioning implants that are used in conjunction with overdentures during the healing process. Silk Line Primer is a bonding agent used between Silk Line paste and the denture, and the Silk Line Varnish smoothes the rough trimmed surfaces of the soft relining material.

### Kit contents

Paste cartridge (50ml) x 1  
Primer (5ml) x 1  
Varnish base (5ml) x 1  
Varnish catalyst (5ml) x 1  
Mixing tip (S) x 10  
Disposable mixing well x 10  
Disposable brush x 20  
Brush handle x 1



### Instructions for use

#### 1. Preparation of the Denture

Completely remove any remaining old reline material. Grind off the denture base approximately 1-2 mm. Incorporate a shoulder of approximately 2-3 mm in height with a depth of a minimum of 1 mm at the lingual and buccal vestibular areas. Round off the borders and clean the denture surface thoroughly with alcohol and let dry.

#### 2. Applying Silk Line Primer for Adhesion

Apply Silk Line Primer uniformly and completely onto the denture areas to which the material is to adhere. Let the primer dry for approximately 1 minute. After use close the bottle immediately. Saliva, humidity or monomer liquids may prevent the adhesion of Silk Line to the denture base.

#### 3. Preparing Paste Cartridge

Mount the cartridge into the dispensing gun. Remove and dispose of the closure-cap. For exact flow control extrude a small amount of material until uniform flow from both orifices is achieved. Place the mixing tip onto the cartridge and extrude needed material.

#### Note:

Store used cartridge by leaving the used mixing tip attached to the cartridge. Do not re-use the cartridge cap. This could cause cross contamination of components resulting in an incomplete setting.

## 4. Relining of the Denture

### 4.1. Direct Chairside Relining Method

Silk Line has to be expressed uniformly from the cartridge as described under point 3 onto all the borders of the denture. The remaining denture areas are then completely coated with a layer of a minimum of 2 mm. It is essential that all denture areas in contact with the gingiva are coated. After coating of the denture with Silk Line, (which has a maximum working time of one minute at 23°C or 73°F), seat the coated denture into the patient's mouth and let the patient close into normal occlusion. Let the patient perform all functional movements. Setting is finished after approximately 4 minutes. At that time, 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. Remove denture from the flask and prepare as described under point 1 and 2. Coat the model with the usual alginate based insulation. Extrude the required amount of Silk Line from the cartridge as described under point 3 and apply it uniformly onto the denture area to be relined. The layer of Silk Line should be approximately 1 mm more than the base material that has been ground off. Close flask and press with light pressure for approximately 30 minutes (at 23°C or 73°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 Silk Line 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

To smooth uneven spots remove the excess material with a sharp scalpel or fine scissors.

Smooth rough areas and borders by means of a suitable grinding instrument (grinding sleeve for silicone materials) at approximately 8000 r.p.m. under low pressure.

## 6. Final Polishing of the Denture with Varnish

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

## Cleaning Tips for the Patient

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

## Storage

Do not store above 23 °C (73 °F).

Do not use after expiration date.

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