

SMOOTHSTAR

The unique impression material family for all impression areas

Developed by Ewen & Clan (Prof. Schreinemakers)

With a specially developed content: **HYDROPHILIZER**

The **SMOOTHSTAR-impression-material-family** of addition curing vinyl silicones is a complete and modular impression system for all possibilities of impression technology. All materials and consistencies are tuned to each other and are compatible. The impression materials in cartridges are used with the Automix 50 ml safety-cartridge-system.

The **SMOOTHSTAR-impression-materials** distinguish themselves by an excellent **hydrophility**; high tear strength, elasticity and a memory of $\geq 99,6\%$.

The SMOOTHSTAR impression materials have their excellent hydrophility by a specially developed content, **Hydrophilizer**.

By the liberation of **tensid molecules**, the tension is released of the surface moisture at the sulcus.

This leads to a close contact of the material to the membrane and to an increased detail reproduction in the moist environment.

All **SMOOTHSTAR-impression-materials** have an excellent flow and realise by their excellent **thixotropic** properties an exact reproduction in a moist environment (does not drop from the prepared tooth).

The colours of the impression materials have been selected so that combinations between putty and correction materials are pleasant for both the dentist and the dental technician.



All these properties combined with the extreme homogenous consistencies and viscosities of these impression materials, give the **SMOOTHSTAR-impression-material-family** an optimal surface affinity and precision. Due to their excellent elastic properties, the impression materials can easily be removed from the patient's mouth and will not tear.

All **putty-impression-materials** are easily kneadable and have no oily consistencies, enabling a sticking free mixing. The putty impression materials distinguish themselves by their excellent detail sharpness and precise detail reproduction.



CLAN



PROSTHODONTIC DENTAL PRODUCTS

Complete dentures; Sandwich- & Putty/Wash impressions:



SMOOTHSTAR Putty Special blue:

SMOOTHSTAR Putty Special blue is a special high viscosity hydrophilic preliminary impression material, that consists of a **thermo-activating repery**. This repery gives the material a longer working time but in connection with the mouth temperature, the setting of the material is activated immediately. The developed consistency with its special way of setting and special durometer makes this impression material ideal for dentures.

As a result of the longer working time, this putty material can also perfectly be used in the sandwich technology. Ideally kneadable; non oily, does not stick and has a pleasant vanilla taste.



SMOOTHSTAR Light Special rosa:

SMOOTHSTAR Light Special rosa is a special fine flowing **creamy** middle viscosity correction material with very high hydrophylic, thixotropic, tear resistant and elastic properties.

Due to the **thermo-activating repery** has this correction impression material a longer working time but in connection with the mouth temperature the setting of the material is activated immediately. This makes the material ideal for dentures, undercuts and pressure points. Also is the material due to its longer working time very well applicable for the sandwich technology and putty/wash impressions.



SMOOTHSTAR Function Special yellow:

SMOOTHSTAR Function Special yellow is specially developed for making the functional border of customs trays for dentures. It is easy to execute the functional movements due to its longer working time and longer setting time. Further, the material is very well applicable for complicated bite registrations where more time is required. For the mentioned indications a material is needed that remains flowable for a long time; that has the required durometer and has an sufficient total working and curing time. The extreme high durometer avoids feather effects and after setting, the material can perfectly be corrected with a drill by the dental technician.

- **functional border of custom tray**
- **time consuming complex bite registrations**

Accessories:

SMOOTHSTAR-adhesive:

- specially developed for acrylic trays
- already dry within 30 seconds

SMOOTHSTAR Mixing-Tips rosa: recommended for the following SMOOTHSTAR-materials:

- SMOOTHSTAR Light Special rosa
- SMOOTHSTAR Light Normal pink
- SMOOTHSTAR Light Fast lila
- SMOOTHSTAR Ultra Light orange

SMOOTHSTAR Mixing-Tips green: recommended for the following SMOOTHSTAR-materials:

- SMOOTHSTAR Function Special yellow
- SMOOTHSTAR Bite normal blue
- SMOOTHSTAR Monophase 50 ml cartridges
- SMOOTHSTAR Bite fast blue

Mixing-Tips hard cartridge: for Monophase 390 ml hard-cartridges

Intra Oral Tips: for all correction materials of 50 ml cartridges

Dispenser: AutoMix-Dispenser for 50 ml cartridges



Putty/Wash impressions:



SMOOTHSTAR Putty Fast green:

SMOOTHSTAR Putty Fast green ist a viscose hydrophilic preliminary paste. It is optimal for the putty/wash technique due to the quick working time, quick setting time and high durometer. Well kneadable; not oily, does not stick.



SMOOTHSTAR Ultra Light orange:

SMOOTHSTAR Ultra Light orange is a thin and easy flowing ultra viscosity correction material. It has extremely high hydrophylic, thixotropic, tear resistant and elastic properties. The main indication for this material is the putty/wash impression. However, it can also perfectly be combined with one of the Smoothstar Monophase materials or with one of the other Smoothstar correction materials.

Putty/Wash- and Sandwich impressions:



SMOOTHSTAR Putty Soft yellow:

SMOOTHSTAR Putty Soft yellow is a high viscosity hydrophilic preliminary paste, that due to its consistency, working time and shore hardness can be used for both the sandwich-technology as for putty/wash impressions. Well kneadable; not oily, does not stick.



SMOOTHSTAR Light Fast lila:

SMOOTHSTAR Light Fast lila is a fine flowing middle viscosity correction material that has a fast working time and a fast setting time. It has extremely high hydrophylic, thixotropic, tear resistant and elastic properties. The specially determined viscosity makes this correction material very well applicable for all impression techniques.



SMOOTHSTAR Light Normal pink:

SMOOTHSTAR Light Normal pink is a fine flowing middle viscosity correction material. It has extremely high hydrophylic, thixotropic, tear resistant and elastic properties, Due to the longer working time and longer setting time, this correction material is ideal for **larger crown and bridge preparations and for working under high temperatures in summer.** The specially determined viscosity makes this correction material very well applicable for all impression techniques.

Monophase & Sandwich-impressions:



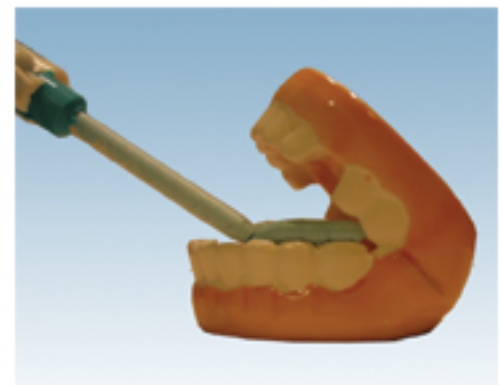
SMOOTHSTAR Monophase violett (390 ml hard-cartridges):

SMOOTHSTAR Monophase violett (390 ml hard-cartridges) ist suitable for dynamic Mixing machines as for example the Pentamix. Contains 10% more material then the 360 ml foil bag. SMOOTHSTAR Monophase violett is a fine flowing viscose Monophase-material. Due to its ideal flowability and special features it can be used for monophase impressions, fixation impressions and also as correction material for crowns and bridges, for inlays and for undercuts. The monophase is extremely dimensionally stable but can still be removed very easily from the mouth. The material is neutral in taste. It can very well be combined with all SMOOTHSTAR correction materials, especially with Ultra Light orange or with the 50 ml Smoothstar Monophase cartridges for the sandwich technology.



SMOOTHSTAR Monophase violett (50 ml cartridges):

SMOOTHSTAR Monophase violett (50 ml cartridges) ist a fine flowing viscose Monophase-material. Due to its ideal flowability and special structure it can be used for monophase impressions, fixation impressions and also as correction material for crowns and bridges, for inlays and for undercuts. The monophase is extremely dimensionally stable but can still be removed very easily from the mouth. The material is neutral in taste. It can very well be combined with all SMOOTHSTAR correction materials, especially with Ultra Light orange for the sandwich technology.



Bite registration

SMOOTHSTAR Bite normal blue:

SMOOTHSTAR Bite normal blue is a middle flowing normal setting precision-bite-registration material with a creamy flexible consistency. It can be used easily, simply and fast due to the thixotropic properties and excellent flowability. The high stability prevents the flowing of the material into the inter dental space and enables an easy removal from the mouth. The result is a formstable, very detailed impression that guarantees a precise reproduction in the laboratory. The bite registration can be cut with a scalpel and by means of its high durometer it is ideally cuttable for the dental technician. No feather effect.

SMOOTHSTAR Bite Fast blue:

SMOOTHSTAR Bite Fast blue is a middle flowing fast setting precision-bite-registration material with a creamy flexible consistency. The high stability prevents the flowing of the material into the inter dental space and enables an easy removal from the mouth. The result is a formstable, very detailed impression that guarantees a precise reproduction in the laboratory. The bite registration can be cut with a scalpel and by means of its high durometer it is ideally cuttable for the dental technician. No feather effect.

Especially suitable for patients who have a tendency to move their bite position.



Autoclavable Border-Lock impression trays of Prof. Schreinemakers



The Border-Lock impression trays are a further development based on the well known Schreinemakers metal impression trays with similar sizes and indications.

Dentulous impression trays

The closed Border-Lock impression tray of Prof. Schreinemakers has been developed as alternative for the Rim-Lock tray. The Border-Lock trays are for the achievement of precision impressions using the monophasic or sandwich impression technique. Precisely fitting semi custom trays have been developed for the 3 different dental arch shapes: Normal; Square and Gothic. As a result the development of dynamic pressure is optimal. The Border-Lock tray has a patented retention system, the Border-Locks. With the special divider and size chart the correct fitting tray is selected hygienically and quickly. The material of the autoclavable Border-Lock trays consists of a corrosion free thermoplastic acrylic that is suitable for an autoclave (up to 260° Celcius). There is a 2-year manufacturer guarantee. The Set contains 10 upper and 8 lower trays. Also available as single trays.



Area of use:

- Crown & bridge work
- frames
- partial dentures
- Orthodontics

Advantages:

- optimal development of dynamic pressure
- no need to make a post dam with acrylic or wax
- 30% - 40% savings on impression material
- semi custom tray shape

Edentulous impression trays

These perforated trays of Prof. Schreinemakers have a worldwide reputation as the nr. 1 impression tray for complete dentures. The vestibular border has been modified so that it will easily push the impression material into the full depth of the mucobuccal fold. The influence of the impression material on the resorbed jaw will be eliminated due to the position of the distal border of the lower tray. The palatal border features continuous contact with the soft palate. With the special divider and size chart the correct fitting tray is selected hygienically and quickly. The material of the autoclavable Border-Lock trays consists of a corrosion free thermoplastic acrylic that is suitable for an autoclave (up to 260° Celcius). There is a 2-year manufacturer guarantee. The Set contains 5 upper and 5 lower trays. Also available as single trays.



Implant Border-Lock impression trays of Prof. Schreinemakers



The Border-Lock implant impression trays are a further development based on the well known Schreinemakers metal impression trays with similar sizes and indications. The transparent material of the Border-Lock implant tray is a Plexiglass-acrylic, that can be heated up to 98° Celcius. The wall thickness of 3,5mm guarantees an excellent stability, also after cutting the tray. The position of the abutments are well visible through the transparent tray. After the selection of the tray, the position of the impression posts can be indicated with a marker. This is followed by grinding the drill holes into the tray at chairside. Finally, in this first treatment session, the final implant impression can be made. In this way the costs of the custom tray and the costs of the second treatment session are saved. The system of transparent Border-Lock implant trays contains for dentulous jaws 10 upper and 8 lower trays. The edentulous set contains 5 upper and 5 lower trays. By means of refill packs the dentists has always a fitting implant tray available at low costs.

Autoclavable Border-Lock impression trays:

Art.Nr. Description:

- 5811X Set 10 upper dentulous trays
- 5812 Set 8 lower dentulous trays
- 6800 Set 5 upper + 5 lower edentulous trays

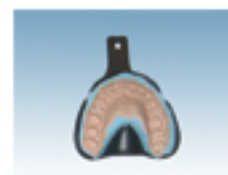
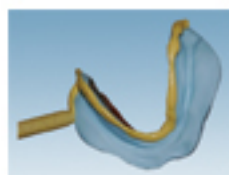
Implant Border-Lock impression trays:

Art.Nr. Description:

- 5611X Set 10 upper dentulous trays
- 5612 Set 8 lower dentulous trays
- 6610 Set 5 upper + 5 lower edentulous trays



SMOOTHSTAR impression material family: Product overview



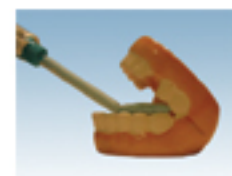
Complete dentures; Sandwich- & Putty/Wash impressions:

Art. Nr.	Materials	Packing units	Working time	Setting time	Shore
6140	Smoothstar Putty Special blue	2 x 450 g	2.00	2.00	A50
6151	Smoothstar Light Special rosa	4 x 50 ml	2.30	2.00	A44
6155	Smoothstar Function Special yellow	4 x 50 ml	2.00	4.00	D43



Putty/Wash impressions:

Art. Nr.	Materials	Packing units	Working time	Setting time	Shore
6141	Smoothstar Putty Fast green	2 x 450 ml	1.00	2.15	A66-72
6156	Smoothstar Ultra Light Fast Orange	4 x 50 ml	1.30	2.00	A39-45



Sandwich & Putty/Wash impressions:

Art. Nr.	Materials	Packing units	Working time	Setting time	Shore
6142	Smoothstar Putty Soft yellow	2 x 450 ml	1.30	2.30	A60-65
6154	Smoothstar Light Fast lila	4 x 50 ml	1.30	2.00	A45-51
6159	Smoothstar Light Normal pink	4 x 50 ml	2.00	3.00	A40

Monophase & Sandwich impressions:

Art. Nr.	Materials	Packing units	Working time	Setting time	Shore
6157	Smoothstar Monophase violett	4 x 50 ml	1.30	2.00	A58-66
6158	Smoothstar Monophase violett (hard cartridges)	2 x 390 ml + 10 Tipps	1.30	2.00	A58-66

Bite registration:

Art. Nr.	Materials	Packing units	Working time	Setting time	Shore
6152	Smoothstar Bite Normal blue	4 x 50 ml	1.30	1.00	A80
6153	Smoothstar Bite Fast blue	4 x 50 ml	0.30	1.00	A80

Accessories:

Art. Nr.	Materials	Packing units	Working time
7011	Smoothstar acrylic adhesive	10 ml	0.30
6160	Mixing Tips green	50 pcs.	
6161	Mixing Tips rosa	50 pcs.	
6162	Mixing Tips hard cartridges	50 pcs.	
7112	Intra oral tips white	100 pcs.	
6165	Automix Dispenser for 50 ml.	1 pcs.	

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