



# Innovation aus Tradition

*since 1949*

Drewe Dentamid Product Catalog

QUA





**Innovation  
aus Tradition**

*since 1949*

# 75 years Dreve

## **Dear customers,**

Inge and Wolfgang Dreve certainly had no idea what path their future would take when they founded their two-person dental laboratory in the center of Unna in 1949. Within a short time period, they succeeded in establishing their company with solid personnel and premises and continuously expanding it. Wolfgang Dreve's inventive spirit and tinkerer's mentality played a significant role in this. Equally important was Inge Dreve's hard work and perseverance. The first silicone materials were produced in-house in the mid-1960s. In the 1980s, the company expanded throughout Europe with innovative silicone duplicating technology and laboratory equipment. Light-curing resins have been available since 1983. Over the following decades, the product portfolio was continuously expanded. We started with 3D printing (stereolithography) as early as 2003 and established ourselves internationally. SLA was followed by DLP, and now the future belongs to LCD printers. Our in-house service department Print@Dreve produces dental implant drilling templates, orthodontic models, prostheses and various other dental products such as gingival masks and impression trays. Print@Dreve is an absolutely groundbreaking 3D printing solution developed specifically for dentists and dental laboratories.

## **Dreve America**

In June 2008, we took a significant step in our global expansion and opened our foreign location in Minneapolis, USA. Initially, our focus there was on sales of our products. However, with growing demand and the increasing importance of the American market, we are expanding the site, and we are building up our own production capacities.

## **A strong partner**

As one of the leading medical technology and MDR-certified producers of addition-curing silicones and light-curing resins for 3D printing, we set standards in the development of modern materials. Our expertise is focused on the development and manufacture of first-class medical and laboratory products, particularly in the field of dental technology.



## **Our environment – sustainability**

At Drewe, we pursue a holistic approach to sustainability that combines ecological, social and economic action. Through resource-conserving processes, responsible action and long-term thinking, we create a stable foundation for a future worth living. Our goal is to promote sustainable values and shared success. Our motto “Innovation by tradition” is both, an obligation and a driving force for us. We will remain true to the values of our family business – reliability, loyalty and integrity – in the future.

## **Drewe today**

Today, we have grown into a globally recognized brand through continuous development, technological innovation and a strong customer focus.

We persist in an increasingly diversified competitive environment because all employees see themselves as an important part of a family and pull together when it counts. Drewe now supplies customers in over 100 countries. We are particularly proud that Victoria Drewe is now the third generation to work in the company. This ensures the continuity of our family business.

Thank you for your trust and collaboration and we are looking forward to a successful partnership in the future!



Yours sincerely,

A handwritten signature in black ink, consisting of a stylized 'D', a period, a vertical line, and another stylized 'D'.

Dr. med. dent. Volker Drewe

## Guarantee

When manufacturing our products, our staff uses selected materials fulfilling the highest technical requirements. Most careful processing guarantees, in addition to our years of experience, an excellent quality level. Our product systems – which means units, materials and appliances – are perfectly matched, as they are tested and developed in our laboratories every day. Thanks to our great experience we are able to guarantee a minimum durability of 2 years from date of production on most of our materials.

Of course, we continue to support you after sales as well. In the event of a device failure, our technical department usually offers repair service within two days. If repairing takes longer than expected, we will definitely provide you with a suitable replacement device.

## Service

We offer a full range of additional services. Reach out to our dental professionals via hotline to get answers to your questions. High-ranking experts from Germany and abroad introduce you to our product systems by means of training courses and seminars. Practical training in our education labs is an important part of the Dreve Dentamid's programme. Get all information about the events planned on [dentamid.dreve.de](http://dentamid.dreve.de).

## Quality































The quality standard of Dreve products, of course, follows the current level of science. Dreve Dentamid GmbH is certified according to DIN EN ISO 9001, DIN EN ISO 13485 and Directive 93/42/EWG, Annex II. Security for patients, dental technicians and dentists by use of biocompatible products is Dreve's main focus.

**Dreve Dentamid GmbH**  
**Max-Planck-Straße 31**  
**59423 Unna/Germany**

Phone +49 2303 8807-37  
Fax +49 2303 8807-55  
Email [dentamid@dreve.de](mailto:dentamid@dreve.de)  
Internet [dentamid.dreve.de](http://dentamid.dreve.de)

## Legend

You may already have noticed yourself: We recognize contents of pictures a lot faster than of texts. 60 times faster, to be precise. You will find many icons in this catalogue, so you can keep facts and numbers in mind easily.

|  |  |   |
|--|--|---|
|  Hardness, compressive strength, compressive hardness |  Consistency  |  Color                               |
|  Viscosity  |  Layer thickness                                      |  Mixing time                         |
|  Processing time                                      |  Period inside mouth                                  |  Deflasking after                    |
|  Final curing   |  Recovery from deformation                            |  Deformation under pressure          |
|  Shrinkage  |  Tensile strength                                     |  Tear resistance                     |
|  Elastic modulus                                     |  Flexural strength                                   |  Tensile-, Break-, Bending strength |
|  Voltage, Operating voltage charger                 |  Power consumption                                  |  Polymerization peak               |
|  Pressure, Vacuum                                   |  Temperature range                                  |  Filling capacity                  |
|  Dimensions (HxWxD mm)                              |  Weight   |   |
|  Usable blank                                       |  Inner dimensions pressure pot, -chamber (HxWxD mm) |  Time programs, time cycle         |
|  TPO free   |  |   |

## Application tips from our experts



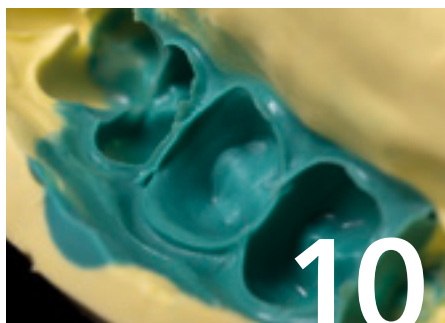
# Innovative products from tradition

## In perfect shape for you

### Impression silicones

Silicone products are one of our core competences. Innovative and economical at the same time: We make this claim to ourselves and our products alike. This is made possible with high-quality raw materials, qualified employees and certified manufacturing processes.

From the transparent impression silicone to the scannable bite registration – our strict quality standards guarantee the consistently high quality that is essential for your daily work.



## Almost too good to serve as gap filler only

### Temporary C&B materials

Fixtemp C&B materials offer outstanding technical values and convince by a setting temperature which is not damaging the dental pulp. They are easy to apply, very precise and reach the soft-elastic phase after just 90 seconds.

Thanks to improved physical properties, the fabrication of temporary crowns and bridges as well as inlays and onlays is simplified and the highest accuracy of fit is guaranteed.



## Dreve sets standards

### 3D printing

Leading in detail precision in 3D printing resin manufacturing: With the FotoDent® product world, you benefit from our longstanding expertise with many innovations in medical 3D printing. Perfectly matched systems meet your requirements in CAD/CAM application, enabling you to obtain better results, more precise and longer lasting.

And if you prefer to have it printed: Print@Dreve is your convenient order portal. The dental models can be delivered straight to the laboratory in the highest precision of detail at the push of a button.



## Pioneering for decades

### Thermoforming technique

We have certainly revolutionized dental technology with the introduction of thermoforming. Still convinced of this process, we continue to work on improving thermoforming technique with high-end equipment and specialized blanks.

Convince yourself of the many possible applications – from individual sports mouthguards to the aligner splint.



## Strong alone, stronger together

### The resin pouring technique

Functional, aesthetic, custom-fit: With Castdon we offer an unbeatable, complete cold-curing system for the resin pouring technique. In contrast to the hot polymer, dentures made of Castdon resin have a significantly lower shrinkage. In addition, the processing is easier, faster and cleaner.

Are you still unsure in the application? We regularly offer workshops on the topic, held by experienced experts.



## Let there be light

### Light polymerization

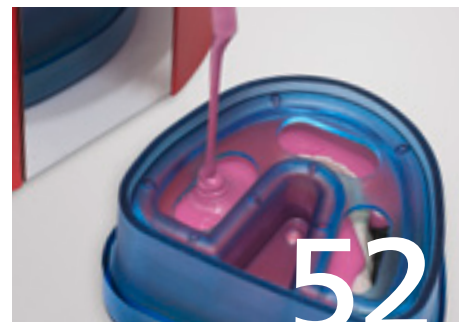
Light-curing materials are among the most common laboratory helpers in the dental daily laboratory use. Without these and the appropriate equipment many elementary work steps cannot be adequately performed. This is why we constantly research innovations in the field of light curing. The replacement of light tubes by LEDs in our units is a shining example for simplified, more economical work processes.



## Runs like a charm

### Laboratory silicones

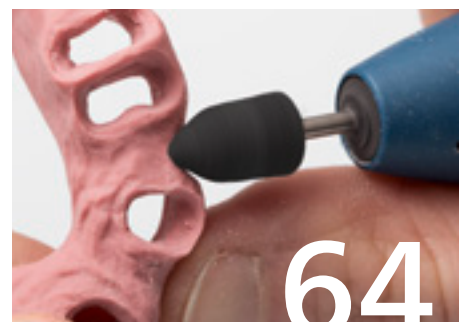
Laboratory silicones have been a fixed component of our product portfolio since the company was founded. Over the years, we have become specialists in dental silicones. We are proud of our product diversification with a wide range of services for everyday work in the dental laboratory – from duplicating to positioner silicone.



## The finishing touch

### Products and accessories

Small but powerful: Often it is tiny details that distinguish the quality of a piece of work. That's why we dedicate ourselves to the little things with the utmost care and commitment – from the model stump material to the mixing canula. We also set the highest quality standards for our accessories with the guiding principle "Everything from one source". Always with the aim to provide a quality product available for the user.



# Dynax® silicones

## A whole system for impression taking

Our Dynax® silicones guarantee both: precision and ease of use. High hydrophilic properties provide excellent impression precision. Our innovative snap-effect enables long processing time but short time in the patient's mouth. The whole impression process takes less than 3 minutes.

- ⊕ Snap-effect
- ⊕ Optimised hydrophilic properties
- ⊕ Scannable surface
- ⊕ Improved mechanics



Visual control of the implant impression with Dynax® clear

### Dynax® putty

Addition-curing putty impression silicone. Non-sticky, easily kneadable consistency. Suitable for sandwich-, correction-, double mixing technique and functional impressions. Can be combined with Dynax® light.

|                                    |       |
|------------------------------------|-------|
| 2 x 450 ml tubs with dosing spoons | D6101 |
|------------------------------------|-------|



### Dynax® heavy body

Stable, addition-curing "tray-type" silicone. Pressure developing consistency with thixotropic characteristics. Especially suitable for sandwich-, correction- and double mixing technique. Can be combined with Dynax® light.

|  |       |
|--|-------|
| 2 x 50 ml double cartridges with 6 mixing tips | D6112 |
| 8 x 50 ml double cartridges                    | D6113 |



### Dynax® light

Light bodied, addition-curing correction silicone. Thixotropic, thin flowing correction material (light body) with high detail precision. Suitable for the correction technique can be combined with Dynax® clear, putty, heavy body and mono.

Tip: Dynax® materials are perfectly matched with each other. For best detailed impression we recommend to use Dynax® light only with hydrophilic base material Dynax® putty and Dynax® heavy body.

|   |       |
|---|-------|
| 2 x 50 ml double cartridges with 12 mixing tips | D6103 |
| 8 x 50 ml double cartridges                     | D6104 |



**Dynax® mono**

Addition-curing monophase impression silicone. Thixotropic and stable. Suitable for the monophase method, can be combined with Dynax® light.

|  |       |
|--|-------|
| 2 x 50 ml double cartridges with 6 mixing tips | D6106 |
| 8 x 50 ml double cartridges                    | D6107 |



**Dynax® clear**

Clear, transparent, addition-curing, monophase impression silicone ensures a perfect control already during the impression-taking. Excellent flowing-characteristics. Especially suitable for the implant impression-taking. Can be combined with opaque correction silicone Dynax® light.

|  |       |
|--|-------|
| 2 x 50 ml double cartridges with 6 mixing tips | D6121 |
| 8 x 50 ml double cartridges                    | D6122 |



| Dynax® putty      | 1:30 min. | 1:30 min. | 60 Shore A | kneadable – type 0 | sunny yellow    |
|-------------------|-----------|-----------|------------|--------------------|-----------------|
| Dynax® heavy body | 1:30 min. | 1:30 min. | 70 Shore A | high – type 1      | sky blue        |
| Dynax® light      | 1:30 min. | 1:30 min. | 46 Shore A | low – type 3       | emerald green   |
| Dynax® mono       | 1:30 min. | 1:30 min. | 58 Shore A | medium – type 2    | lavender violet |
| Dynax® clear      | 1:30 min. | 2:00 min. | 60 Shore A | medium – type 2    | transparent     |

# Impression taking Impression silicones

## Zerosil® soft with color indicator

THE alternative to alginates. Now with a chemical color indicator that visually reflects the setting process using the color gradient 1:1. The final color is only achieved when the curing phase is complete. In addition, processing time and time in the mouth have been reduced by 25 %.

|                  |       |
|------------------|-------|
| 380 ml cartridge | D5118 |
|------------------|-------|

## Zerosil® soft

Addition-curing impression silicone. High-quality, low-cost alternative to alginate impressions. Impressions can be filled several times. Disinfectable and compatible with all plaster materials. Unlimited storage of impressions. Especially suitable for the situation impression.

|                  |        |
|------------------|--------|
| 2 x 500 ml tubes | D48411 |
| 2 x 875 ml tubes | D4841  |



## Your silicone for any application

| Indication                                    | Dynax® clear | Dynax® heavy body | Dynax® light | Dynax® mono | Dynax® putty | Zerosil® soft |
|---|--------------|-------------------|--------------|-------------|--------------|---------------|
| <b>Crown and bridge impressions</b>           |              |                   |              |             |              |               |
| Double mixing technique                       | •            | •                 | •            | •           | •            |               |
| Correction                                    | •            | •                 | •            | •           | •            |               |
| Sandwich                                      | •            | •                 | •            | •           | •            |               |
| Monophase                                     | •            | •                 | •            | •           | •            |               |
| <b>Inlay and onlay impressions</b>            |              |                   |              |             |              |               |
| Double mixing technique                       | •            | •                 | •            | •           | •            |               |
| Correction                                    | •            | •                 | •            | •           | •            |               |
| Sandwich                                      | •            | •                 | •            | •           | •            |               |
| Monophase                                     | •            | •                 | •            | •           | •            |               |
| <b>Pick-up impressions e. g. for implants</b> |              |                   |              |             |              |               |
| Correction                                    | •            | •                 |              | •           |              |               |
| Monophase                                     | •            | •                 |              | •           |              |               |
| <b>Functional impressions</b>                 |              |                   |              |             |              |               |
| Function                                      |              |                   |              | •           |              |               |
| <b>Fixation impressions</b>                   |              |                   |              |             |              |               |
| Monophase                                     |              | •                 |              | •           |              |               |
| <b>Relining impressions</b>                   |              |                   |              |             |              |               |
| Monophase                                     |              |                   | •            | •           |              |               |
| <b>Pressure spot indicator</b>                |              |                   |              |             |              |               |
| Monophase                                     |              |                   | •            | •           |              |               |
| <b>Impressions for temporaries</b>            |              |                   |              |             |              |               |
| Monophase                                     |              |                   |              | •           |              | •             |
| Situation                                     |              |                   |              | •           |              | •             |
| <b>Situation impressions</b>                  |              |                   |              |             |              |               |
| Monophase                                     |              |                   |              |             |              | •             |
| Situation                                     |              |                   |              |             |              | •             |
| <b>Impressions of the opposite jaw</b>        |              |                   |              |             |              |               |
| Monophase                                     |              |                   |              |             |              | •             |



Situation impression using Zerosil® soft with color indicator



Silicones need more than 30 minutes to reach their perfect characteristics. Please make sure that you do not fill the silicone impression immediately after taking it out of the patient's mouth.

# Impression taking Bite registration



Impression taking

## StoneBite®

Addition-curing silicone with an extreme final hardness of 48 Shore D. Absolutely precise and reliable. Especially suitable for bite registrations and registration keys for support pins.

|  |         |
|--|---------|
| 2 x 50 ml double cartridges, 12 mixing tips, 12 application tips | D504872 |
| 4 x 50 ml double cartridges                                      | D504873 |

StoneBite®: Exact delineation, precise processing, long-term stability

## StoneBite® scan

Scannable bite registration material based on A-silicone. High final hardness, thixotropic and stable. Very easy to cut and mill. Specially developed for use in the CAD/CAM area.

|  |         |
|--|---------|
| 2 x 50 ml double cartridges, 12 mixing tips, 12 application tips | D504870 |
|--|---------|



## Regofix transparent

Transparent bite registration material, free from filling materials, not opaque to x-rays. Easy to cut with a high final hardness and spontaneous recovery from deformation. Suitable for guided bite registration in the area of the front teeth.

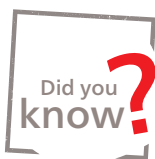
|   |         |
|---|---------|
| 2 x 50 ml double cartridges, 12 mixing tips | D504876 |
| 8 x 50 ml double cartridges                 | D504877 |



## Regofix opak

Bite registration material with very good cutting and milling characteristics. Fast, hard, precise. Suitable for all kinds of bite registrations and registration keys for support pins.

|   |         |
|---|---------|
| 2 x 50 ml double cartridges, 12 mixing tips | D504874 |
| 8 x 50 ml double cartridges                 | D504875 |



Shore D is the measuring unit for the determination of the hardness of non-flexible materials, if beyond 90 Shore A.

| Zerosil® soft with color indicator | 1:00 min. | 2:00 min. | 40 Shore A | medium – type 2 | plum to orange |
|------------------------------------|-----------|-----------|------------|-----------------|----------------|
| Zerosil® soft                      | 1:30 min. | 1:30 min. | 40 Shore A | medium – type 2 | orange         |
| StoneBite®                         | 0:30 min. | 1:20 min. | 48 Shore D | medium – type 2 | orange         |
| StoneBite® scan                    | 0:30 min. | 1:20 min. | 32 Shore D | medium – type 2 | grey           |
| Regofix transparent                | 0:30 min. | 1:30 min. | 70 Shore A | medium – type 2 | transparent    |
| Regofix opak                       | 0:30 min. | 1:30 min. | 90 Shore A | high – type 1   | blue           |

# Impression taking Accessories

## Mixing tips

Mixing ratio 1:1  
 Inner-Ø 5.4 mm  
 Color pink

StoneBite®, StoneBite® scan

|            |          |
|------------|----------|
| 40 pieces  | D4970X1  |
| 100 pieces | D49701X1 |



Mixing ratio 1:1  
 Inner-Ø 4.2 mm  
 Color yellow

Dynax® light

|            |          |
|------------|----------|
| 40 pieces  | D4970X5  |
| 100 pieces | D49701X5 |



Mixing ratio 1:1  
 Inner-Ø 6.5 mm  
 Color green

Dynax® clear, Dynax® heavy body  
 Dynax® mono, Regofix

|            |          |
|------------|----------|
| 40 pieces  | D4970X2  |
| 100 pieces | D49701X2 |



Mixing ratio 5:1  
 Inner-Ø 6.0 mm  
 Color yellow

Zerosil® soft

|           |       |
|-----------|-------|
| 15 pieces | D4982 |
| 50 pieces | D4981 |



## DS 50 Injector 1:1

For applications of dental laboratory silicones for S 50 double cartridges.

Mixing Ratio 1:1

|                    |       |
|--------------------|-------|
| DS 50 Injector 1:1 | D5007 |
|--------------------|-------|



## Tips

For mixing tips for intra-oral application.

transparent (e. g. for Dynax® clear)  
 yellow (e. g. for Dynax® light)

|                        |        |
|------------------------|--------|
| 40 pieces, transparent | D49602 |
| 40 pieces, yellow      | D49604 |



## Application tips

For mixing tips for intra-oral application.

transparent (e. g. for StoneBite®)

|                        |        |
|------------------------|--------|
| 40 pieces, transparent | D49603 |
|------------------------|--------|



## Bayonet-ring

Attachment for the use of 380 ml cartridges.

|                      |       |
|----------------------|-------|
| Bayonet-ring, yellow | D4980 |
|----------------------|-------|



# Temporary C&B materials

## Fixtemp C&B 4:1

Automatically mixable composite in a mixing ratio of 4:1 for the manufacturing of temporary crowns, bridges, inlays and onlays. High breaking strength, no temperature development which damages the pulp at intraoral setting. Fast and secure application through safety-cartridge.






| Color    | Fixtemp C&B 4:1  |                      |
|----------|------------------|----------------------|
|          | 50 ml dc + 10 mt | 5 x 50 ml dc + 10 mt |
| A1       | D50391           |                      |
| A2       | D50392           | D503925              |
| A3       | D50393           | D503935              |
| A3,5     | D50394           |                      |
| B1       | D50395           |                      |
| Bleach X | D50396           |                      |



Do not miss the point of time to take Fixtemp C&B out of the patient's mouth when still in the flexible phase. Every resin has a shrinkage!



Convincing results with Fixtemp C&B

|                 |  |  |  |  |  |
|-----------------|---|---|---|---|---|
| Fixtemp C&B 4:1 | 0:45 min.   | ~ 2:00–3:00 min.  | ~ 5:00 min.   | ≥ 200 MPa   | ≥ 60 MPa  |

### Mixing tips

Mixing ratio 4:1  
 Inner-Ø 3.2 mm  
 Color light blue

Fixtemp C&B 4:1

|            |          |
|------------|----------|
| 40 pieces  | D4970X4  |
| 100 pieces | D49701X4 |



### DS 50 Injector 4:1

For applications of dental provisional C&B materials from S 50 double cartridges.

Mixing ratio 4:1

|                    |       |
|--------------------|-------|
| DS 50 Injector 4:1 | D5008 |
|--------------------|-------|



# FotoDent® biobased model

Sustainability, climate, environment are as relevant issues as ever and will remain so. We take this development into account and can now present the first impressive result to the dental world with the newest member of the FotoDent® family:

FotoDent® biobased model is a light-curing resin that consists of 50 percent renewable raw materials. The ecological advantage of bio-based raw materials over petroleum-based raw materials is that they have less impact on the climate during the production of the resin: If the carbon is bound from biomass, it does not turn into carbon dioxide. This is where plants convert carbon dioxide into a valuable raw material.



The renewable raw materials are parts of wheat and maize that are not used for food production. The production of these herbal ingredients does not compete with food production. They are also genetically unmodified.

- ⊕ **Reduced impact on the atmosphere**
- ⊕ **Free from carcinogenic substances**
- ⊕ **Shorter cleaning times**



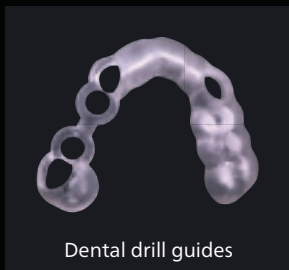
# FotoDent® product world

## Generative production from one source

Already for decades Dreve Dentamid GmbH with their digital dental products stand for competence and innovation in the field of medical 3D printing. Just like it is with the classical portfolio, the system concept plays a decisive part: resins and units, all from one source, are perfectly matched. Thus we provide for specific processes in the dental laboratory.



3D printing



Dental drill guides



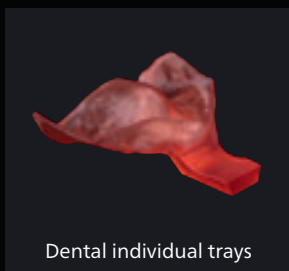
Dental gingiva masks



Castable moldings



Indirect bonding trays



Dental individual trays



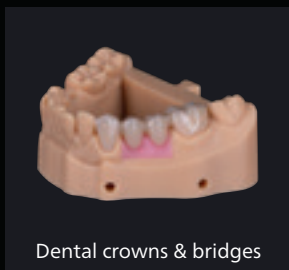
Dental models



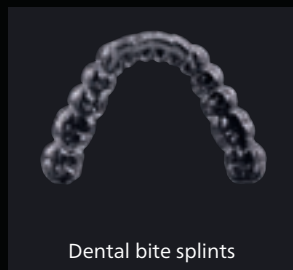
Denture bases



Biobased dental models



Dental crowns & bridges



Dental bite splints



Shake the bottle well before you pour the resin into the vat.

## FotoDent® insulant

Insulating agent for 3D printed resin models in the processing of autopolymerizers. Optimal insulation for the scattering process in the orthodontic field or for the fabrication of dentures, e. g. from Castdon.

100 ml bottle D4307



# 3D printing FotoDent® resins

## FotoDent® denture

385 nm/405 nm

Light-curing resin for the production of denture bases. The material provides for accurate results with an outstanding dimensional stability. FotoDent® denture is MMA-free and stable in color.

|                                 |        |
|---------------------------------|--------|
| pink transparent, 1.0 kg bottle | D35500 |
| pink opaque, 1.0 kg bottle      | D35501 |



## FotoDent® guide

385 nm or 405 nm

Light-curing resin for the manufacturing of dental drill guides. Drill guides made from FotoDent® guide are dimensionally stable and biocompatible.

|  |        |
|--|--------|
| 385 nm, clear transparent, 1.0 kg bottle | D35650 |
| 405 nm, blue transparent, 1.0 kg bottle  | D35600 |



## FotoDent® IBT

385 nm/405 nm

Light-curing resin for the manufacturing of transparent indirect bonding trays. Monitoring of correct bracket positions is possible at any time – before and after fixing. Simple removing due to optimal flexibility. Usable with all common bracket systems.

|               |        |
|---------------|--------|
| 1.0 kg bottle | D35120 |
|---------------|--------|

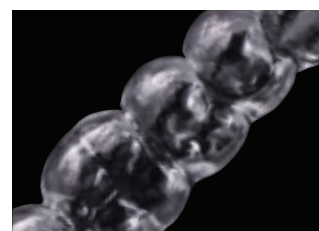


## FotoDent® splint

405 nm

Light-curing material for the production of dental splints using the 3D printing process. The molded part produced is particularly fracture-resistant and has a homogeneous surface. Dental splints manufactured from FotoDent® splint are biocompatible.

|               |        |
|---------------|--------|
| 1.0 kg bottle | D35800 |
|---------------|--------|



## NEW! FotoDent® TCB

385 nm/405 nm

FotoDent® TCB is a 3D printable composite material for the fabrication of temporary crowns and bridges. Suitable for chairside and laboratory printers. Available in shades A1, A2, A3, A3.5, B1 and BleachX.

|               |  |
|---------------|--|
| 1.0 kg bottle |  |
|---------------|--|

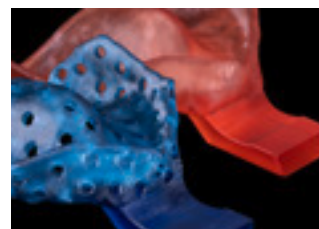


## FotoDent® tray2

385 nm/405 nm

Optimized, biocompatible light-curing resin for the manufacturing of dental impression trays. High reactivity at low viscosity. Simplified cleaning and improved mechanical properties. Two times faster printing times, layer thicknesses of 300µm possible. The finished impression trays have a homogeneous surface, which significantly reduces manual reworking.

|                                    |         |
|------------------------------------|---------|
| blue transparent, 1.0 kg bottle    | D353001 |
| green transparent, 1.0 kg bottle   | D353002 |
| reddish transparent, 1.0 kg bottle | D353003 |



## FotoDent® cast

385 nm/405 nm

Light-curing resin for the production of burn-out molded parts for the dental casting technique. The material is highly compatible: it can be used with all commercially available embedding materials.

|               |        |
|---------------|--------|
| 1.0 kg bottle | D35100 |
|---------------|--------|



# 3D printing FotoDent® resins

## FotoDent® gingiva

385 nm/405 nm

Light-curing resin for the manufacturing of dental gingiva masks. Permanently soft and flexible. Perfectly combinable with working models made of FotoDent® biobased model and model2 resins.

|               |        |
|---------------|--------|
| 1.0 kg bottle | D35850 |
|---------------|--------|



## FotoDent® biobased model

385 nm/405 nm

Light-curing resin that consists of 50 percent renewable raw materials. The material properties are of course ideal for model production (also in Aligner workflow). FotoDent® biobased model can be cleaned with FotoClean.

|               |        |
|---------------|--------|
| 1.0 kg bottle | D35450 |
|---------------|--------|

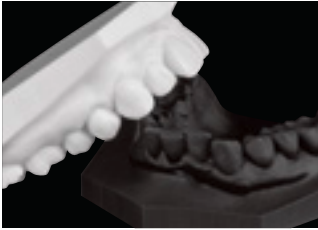


## FotoDent® model2\*

385 nm/405 nm

Light-curing resin for the manufacturing of dental models for orthodontics and prosthetics. Faster printing process due to higher output, still with the same precision.

|                             |         |
|-----------------------------|---------|
| beige opaque, 1.0 kg bottle | D354002 |
| black, 1.0 kg bottle        | D354003 |
| white, 1.0 kg bottle        | D354004 |

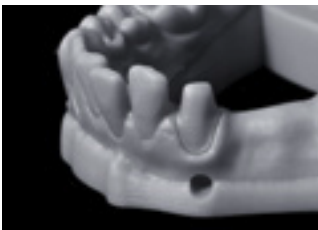







## NEW! FotoDent® model3

385 nm/405 nm

FotoDent® model3 is the latest variant of the dental model range. It can be processed on all standard DLP and LCD printing systems. The printed dental model can be easily cleaned with water after production and impresses with its high drawing accuracy.

|                             |
|-----------------------------|
| beige-opaque, 1.0 kg bottle |
| grey, 1.0 kg bottle         |

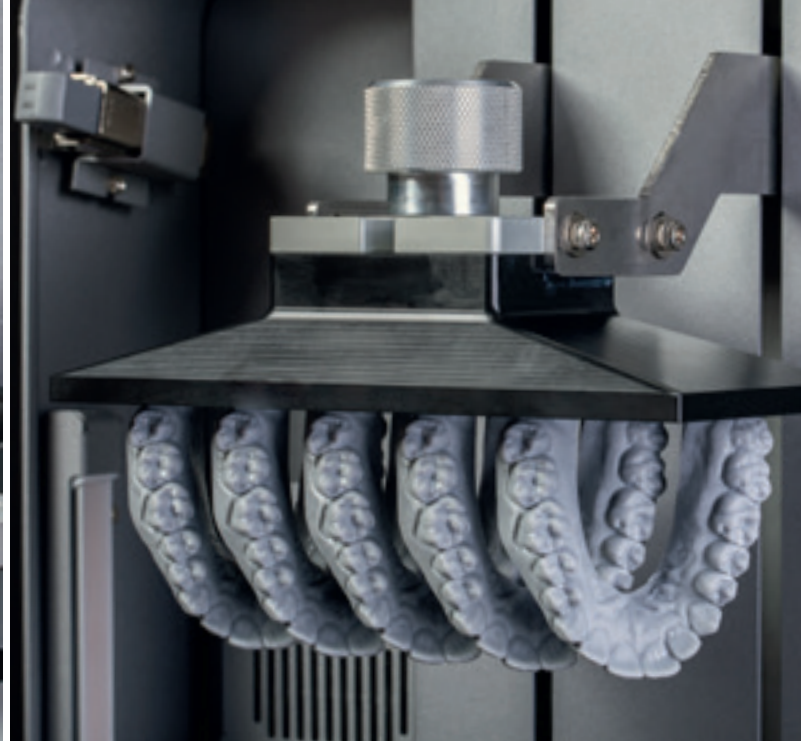
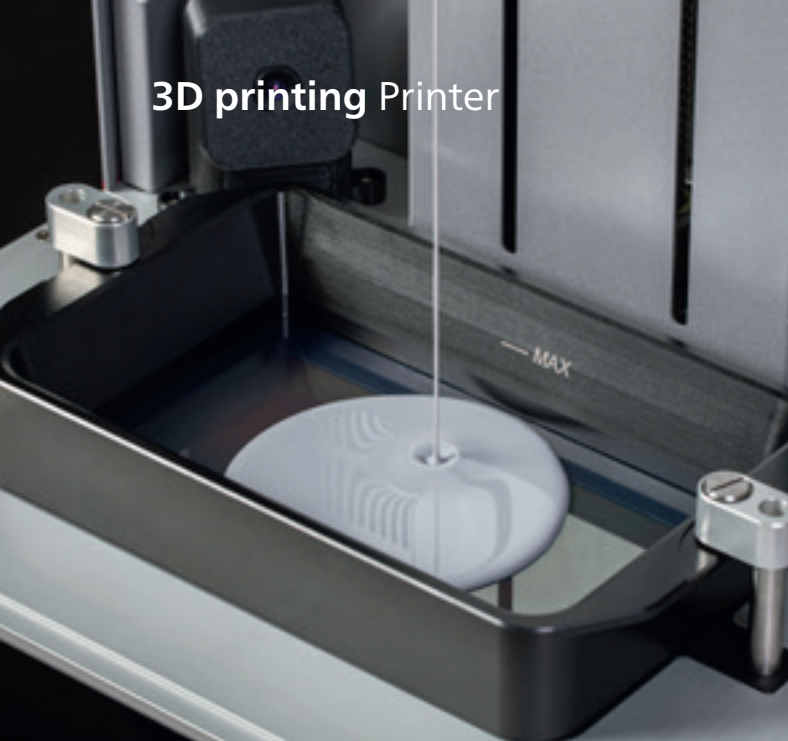


|                          |  |  |  |  |  |
|--------------------------|---|---|---|---|---|
| FotoDent® denture        | > 2,000 MPa   | > 80 MPa  | –   | pink transparent, pink opaque   | 0.4–0.6 Pa s  |
| FotoDent® guide 385 nm   | ≥ 1,900 MPa   | ≥ 90 MPa  | ≥ 9 %   | clear transparent   | 0.7 ± 0.2 Pa s  |
| FotoDent® guide 405 nm   | ≥ 1,700 MPa   | ≥ 75 MPa  | ≥ 10–15 %   | blue transparent  | 0.65–1.05 Pa s  |
| FotoDent® IBT            | –   | –   | ≥ 45 %  | clear transparent   | 0.7 ± 0.2 Pa s  |
| FotoDent® splint         | > 1,500 MPa   | > 75 MPa  | > 10 %  | clear transparent   | 0.6 ± 0.1 Pa s  |
| FotoDent® TCB            | Coming soon   |   |   |   |   |
| FotoDent® tray2          | ≥ 2,100 MPa   | > 90 MPa  | –   | blue transparent  | ~ 1.2 Pa s  |
| FotoDent® tray2          | ≥ 2,100 MPa   | > 90 MPa  | –   | green transparent   | ~ 1.2 Pa s  |
| FotoDent® tray2          | ≥ 2,100 MPa   | > 90 MPa  | –   | reddish transparent   | ~ 1.2 Pa s  |
| FotoDent® cast           | ≥ 2,000 MPa   | ≥ 100 MPa   | 7,5–11 %  | red transparent   | < 0.3 Pa s  |
| FotoDent® gingiva        | –   | –   | > 40 %  | pink  | ~ 2 Pa s  |
| FotoDent® biobased model | ≥ 2,200 MPa   | ≥ 95 MPa  | ≥ 5%  | beige opaque  | ~ 0.6 Pa s  |
| FotoDent® model2         | ≥ 1,900 MPa   | ≥ 85 MPa  | ≥ 8%  | beige opaque  | 1.0 ± 0.2 Pa s  |
| FotoDent® model2         | ≥ 2,000 MPa   | ≥ 100 MPa   | ≥ 10%   | black   | 0.75 Pa s   |
| FotoDent® model2         | ≥ 1,950 MPa   | ≥ 85 MPa  | ≥ 8,5%  | white   | 0.7 ± 0.2 Pa s  |
| FotoDent® model3         | Coming soon   |   |   |   |   |
| FotoDent® model3         | Coming soon   |   |   |   |   |

\*Please note: Depending on the selected color, the printing times of the models may differ.

3D printing

## 3D printing Printer



### NEW! Phrozen Sonic CS+

Compact LCD desktop printer with 22  $\mu\text{m}$  resolution and innovative 385 nm LED light source with high light intensity for fast build times. The high-quality, full metal housing and improved tray and platform handling make the Phrozen Sonic CS+ a user-friendly 3D printer for all dental applications.

Print volume:

Standard: 74 x 168 x 185 mm<sup>3</sup>

Mini: 75 x 75 x 185 mm<sup>3</sup>

#### Included:

- Standard and Mini-Vats
- USB stick
- Spatula
- Funnel
- Slicing software Dreve Elements

Phrozen Sonic CS+

D4700



Phrozen Sonic CS+

100–240 V / 50–60 Hz, 0,7 A

ca. 20 kg

550 x 380 x 360 mm

0,01–0,30 mm

- ⊕ Wavelength of 385 nm
- ⊕ High light intensity for short build times
- ⊕ Usable for entire FotoDent®-Portfolio
- ⊕ Easy replacement of wear parts
- ⊕ Maintenance and repairs at Dreve locations
- ⊕ Vat volume between 150 ml (Mini) and 350 ml (Standard)



### Building platform

Accessories for Phrozen Sonic CS+ in two different platform sizes.

|                                    |       |
|------------------------------------|-------|
| Standard, 74 x 168 mm <sup>2</sup> | D4701 |
| Mini, 75 x 75 mm <sup>2</sup>      | D4702 |



### Resin vat

Accessories for Phrozen Sonic CS+. The use of multiple trays allows a quick change of material. Vat volume between 150 ml (mini) and 350 ml (standard).

|                                     |       |
|-------------------------------------|-------|
| Standard, 350 ml, incl. 1 FEP blank | D4703 |
| Mini, 150 ml, incl. 1 FEP blank     | D4704 |



### FEP blank

For insertion into the resin vat of the Phrozen Sonic CS+.

|           |       |
|-----------|-------|
| FEP Folie | D3502 |
|-----------|-------|

### Vat storage cabinet

The storage cabinet for resin-filled vats offers space for up to 5 vats in fully removable drawers. The drawers are opaque, which means that even vats already filled with resin can be stored without any problems. Delivery includes a label for each FotoDent® resin.

Dimensions: H 325 x W 278 x D 380 mm

|       |         |
|-------|---------|
| white | D3526   |
| red   | D3526X1 |

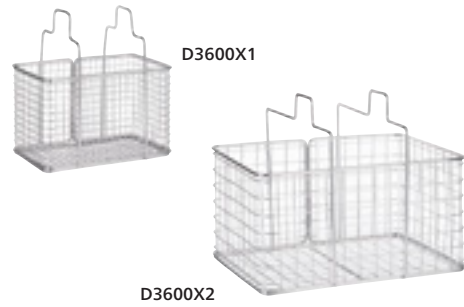


# 3D printing Cleaning

## FotoWash

Cleaning unit for 3D printed components after the printing process. Unit with magnetic stirrer technology and automatic transfer between the two basins. Various cleaning programs can be selected and created via the touchscreen. The platform of the Sonic XL 4K can be hooked directly into the unit and can be cleaned together with the adhering components.

|          |       |
|----------|-------|
| FotoWash | D3600 |
|----------|-------|



## Small basket for FotoWash

Dimensions: H 75 x W 120 x D 65 mm.

|         |         |
|---------|---------|
| 1 piece | D3600X1 |
|---------|---------|



## Large basket for FotoWash

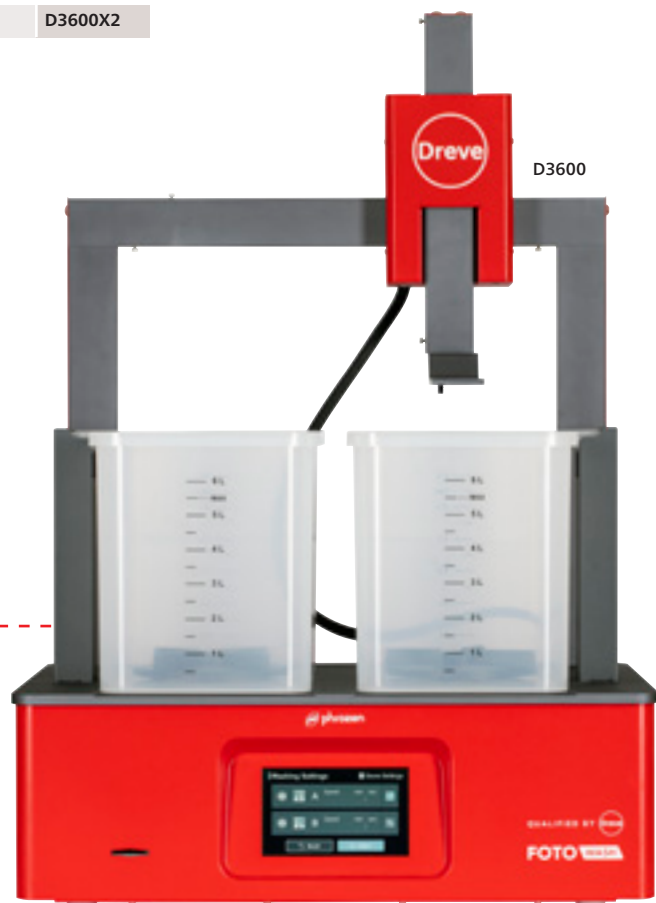
Dimensions: H 90 x W 170 x D 120 mm.

|         |         |
|---------|---------|
| 1 piece | D3600X2 |
|---------|---------|

## Wash bucket for FotoWash

Dimensions: H 190 x W 150 x D 250 mm.

|         |         |
|---------|---------|
| 1 piece | D3600X3 |
|---------|---------|



- ⊕ Matched cleaning profiles for the FotoDent® materials
- ⊕ Optimal supplement for the Sonic XL 4K
- ⊕ Automatic transfer between pre-cleaning and post-cleaning

|          |                             |         |                    |           |
|----------|-----------------------------|---------|--------------------|-----------|
|          |                             |         |                    |           |
| FotoWash | 100-240 V / 50-60 Hz, 1.5 A | 16.5 kg | 810 x 480 x 430 mm | 2 x 5.5 l |

# 3D printing Cleaning

## Bandelin RK 100 H

High quality, robust ultrasonic cleaning unit with stainless steel tub. The compact and easy-to-use device has a timer from 1 to 15 minutes or runs continuously. Heating function with continuously adjustable temperature between 30 and 80 °C. Recommended for use with FotoClean.

Inner dimensions: H 100 x W 240 x D 140 mm  
 Ultrasonic power: 320 W

|                   |       |
|-------------------|-------|
| Bandelin RK 100 H | 82100 |
|-------------------|-------|



## Insert basket made of stainless steel

Dimensions: H 52 x W 175 x D 70 mm.

|         |       |
|---------|-------|
| 1 piece | 82103 |
|---------|-------|



## Stainless steel perforated lid

Suitable for 2 beakers.

|         |       |
|---------|-------|
| 1 piece | 82101 |
|---------|-------|



82101

82102

## Beaker

600 ml, Ø 85 mm.



|         |       |
|---------|-------|
| 1 piece | 82102 |
|---------|-------|

## FotoClean

FotoClean is a ready-to-use, water-based cleaning mixture for use in the heated ultrasonic cleaning device Bandelin for cleaning additively manufactured components.

|                |       |
|----------------|-------|
| 2 x 1 l bottle | D4397 |
| 5 l canister   | D4398 |



|                   |   |   |
|-------------------|---|---|
|                   |  |  |
| Bandelin RK 100 H | 230 V / 50 Hz   | 2.0 l   |

# 3D printing Curing

## PCU LED N<sub>2</sub>

Laboratory unit on LED-basis for the curing of 3D printed parts. Ensuring of mechanics and biocompatibility through effective deep curing. Two different curing environments selectable depending on the application area. The additionally eligible nitrogen environment of PCU LED N<sub>2</sub> ensures cured components without inhibition layer – for laboratory and medical devices.

- Open system with 10 programmable memory spaces
- Simple operating concept with electronic control system
- Logging and monitoring of process parameters
- Selectable curing environments

|                        |      |
|------------------------|------|
| PCU LED N <sub>2</sub> | 4317 |
|------------------------|------|



Inner dimensions  
polymerisation chamber:

H 65 mm  
W 150 mm  
D 150 mm



## NEW! PCU vario

Laboratory device on LED basis for curing 3D printed components. Ensuring mechanics and biocompatibility through effective deep curing. The PCU vario offers both the option of a vacuum atmosphere and the option of curing under nitrogen. Biocompatible curing without an inhibition layer can be ensured.

### Included:

- Post-curing module (incl. user interface and vacuum module with two Modbus cable) 4319SET
- Post-curing module (incl. user interface and Modbus cable) 4319
- Post-curing module (incl. Modbus cable) 4319S
- Vacuum module (incl. Modbus cable) 4319V
- User interface 4319UI

|           |      |
|-----------|------|
| PCU vario | 4319 |
|-----------|------|




Inner dimensions  
polymerisation chamber:

H 80 mm  
W 420 mm  
D 270 mm



- ⊕ **Open system with 30 freely programmable memory locations**
- ⊕ **Modular design with up to 3 polymerization chambers and only one control module**
- ⊕ **Logging and monitoring of process parameters**
- ⊕ **Nitrogen and vacuum atmosphere possible**



|                        |  |  |  |  |
|------------------------|---|---|---|---|
| PCU LED N <sub>2</sub> | 100–240 V / 50–60 Hz, 150 W   | 9,3 kg  | 110x389x276 mm  | rot   |
| PCU vario              | 100–240 V / 50–60 Hz, 500 W   | ca. 38 kg   | 240x660x410 mm  | rot   |

# Thermoforming technique by Dreve

## Pioneering for decades

We have certainly revolutionised dental technology with the introduction of thermoforming. Still convinced of this process, we continue to work on improving thermoforming technique with high-end equipment and specialised blanks.

Convince yourself of the many possible applications – from individual sports mouthguards to aligners.



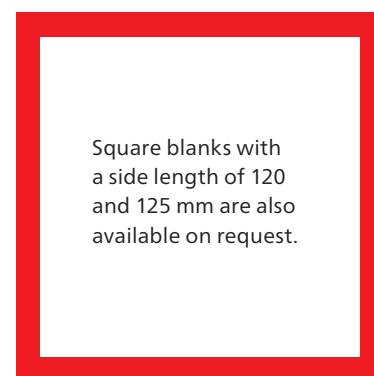
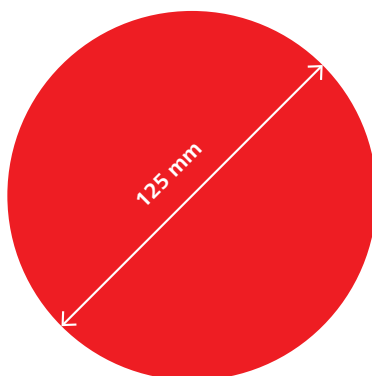
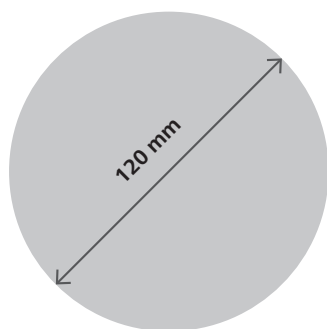
## Thermoforming blanks

All Dreve thermoforming blanks are round as standard. The article numbers listed in the catalog refer to **round blanks with a diameter of 120 mm**.

Do you need round blanks with a diameter of 125 mm?

Simply add an "S" after the article number.

Example: D420001 (Biolon 120 mm) / D420001S (Biolon 125 mm)



← Special dimensions →



Pay attention to the recommended foil diameter of your thermoforming unit!



Always pre-heat your unit for at least one minute without thermoforming foil.



We are the official supplier of the German Hockey Federation. Our world champions wear the Dreve Mouthguard professional 3D – the first mouthguard with 3D printed insert for best protection and fit.

| Application               | Product                                   | Strength |          |         |      |      |
|---------------------------|---|----------|----------|---------|------|------|
| Aligner                   | Biolon                                    | 0.5 mm   | 0.625 mm | 0.75 mm |      |      |
| Base plates               | Drufoplast                                | 2 mm     |          |         |      |      |
| Bleaching                 | BioBleach® hart                           | 0.5 mm   |          |         |      |      |
|                           | BioBleach® soft                           | 1 mm     |          |         |      |      |
| Matrix                    | Drufolen H                                | 0.6 mm   |          |         |      |      |
|                           | Drufolen W                                | 0.45 mm  | 0.65 mm  | 0.8 mm  |      |      |
| Custom-made trays         | Drufoplast blank with moulded tray handle | 3 mm     |          |         |      |      |
| Orthodontic devices       | Biolon                                    | 2 mm     | 3 mm     |         |      |      |
| Mouthguards               | Biolon                                    | 2 mm     |          |         |      |      |
|                           | Drufosoft® transparent                    | 2 mm     | 3 mm     | 4 mm    |      |      |
|                           | Drufosoft® colour                         | 3 mm     |          |         |      |      |
| Space maintainers         | Drufolen W                                | 0.65 mm  | 0.8 mm   |         |      |      |
| Positioner/Retainer       | Biolon                                    | 0.75 mm  |          |         |      |      |
|                           | Drufosoft® transparent                    | 1.5 mm   | 2 mm     | 3 mm    | 4 mm | 5 mm |
|                           | Drufosoft® colour                         | 3 mm     | 4 mm     |         |      |      |
|                           | Drufosoft® pro                            | 3 mm     |          |         |      |      |
| Production of temporaries | Biolon                                    | 0.5 mm   | 0.75 mm  |         |      |      |
|                           | Drufolen H                                | 0.6 mm   | 0.8 mm   |         |      |      |
| X-ray splints             | Biolon                                    | 1 mm     | 1.5 mm   | 2 mm    |      |      |
|                           | Drufoplast                                | 3 mm     |          |         |      |      |
| Splint therapy            | Biolon                                    | 0.75 mm  | 1 mm     | 1.5 mm  | 2 mm | 3 mm |
|                           | Drufosoft® pro                            | 3 mm     |          |         |      |      |
|                           | Kombiplast                                | 2 mm     | 3 mm     | 4 mm    |      |      |

# Thermoforming technique Blanks

## BioBleach® hart

Thermoforming blank made of polyethylen especially developed for bleaching. Slightly flexible, also suitable for situations with slight undercut areas. Delivery including insulating foil for high, clear transparency.

| $\frac{3}{8}$ mm | pieces | item No. |
|------------------|--------|----------|
| 0.5              | 25     | D420015  |

Bleaching/Medicament splint made of BioBleach® hart. Cenit L used as a spacer



## BioBleach® soft

Transparent thermoforming blank made of vinyl acetate copolymer with a hardness of 95 Shore A. For the production of soft, bleaching splints extending the gingival margin.

| $\frac{3}{8}$ mm | pieces | item No. |
|------------------|--------|----------|
| 1                | 20     | D4300    |

Bleaching/Medicament splint made of BioBleach® soft. Drufofen W used as a spacer



## Biolon

The thermoforming blank made of PETG (polyethylene terephthalate glycol) is supplied with an insulating film for the purpose of high transparency. Since it is tough-elastic and can be built up with acrylate, it is particularly suitable for aligner, bite and occlusion splints, as well as for orthodontic appliances.

| $\frac{3}{8}$ mm | pieces | item No. |
|------------------|--------|----------|
| 0.5              | 25     | D420001  |
|                  | 50     | D420002  |
| 0.625            | 20     | D420019  |
|                  | 40     | D420020  |
| 0.75             | 20     | D420003  |
|                  | 40     | D420004  |
| 1                | 25     | D420005  |
|                  | 50     | D420006  |
| 1.5              | 30     | D420007  |
|                  | 60     | D420008  |
| 2                | 20     | D420009  |
|                  | 60     | D420010  |
| 3                | 10     | D420011  |
|                  | 50     | D420012  |

Aligner made of Biolon



### Production of aligners with Biolon



# Thermoforming technique Blanks

## Biolon for Vacfomat V9

Tough elastic hard plastic out of PETG (Polyethylene terephthalate glycol). Up to 9 aligners can be produced per blank in one thermoforming process. Biolon is equipped with an insulating foil to give the aligner a highly transparent appearance.

| $\frac{1}{8}$ mm | Ø mm | color             | pieces | item No. |
|------------------|------|-------------------|--------|----------|
| 0.5              | 354  | clear transparent | 50     | D420021  |
| 0.625            |      |                   |        | D420022  |
| 0.75             |      |                   |        | D420023  |
| 1                |      |                   |        | D420024  |



9 blanks in one thermoforming process: Biolon for Vacfomat V9

## Drufolen H

Thermoforming blank made of polyethylene. Due to its hard-flexible consistency and residue-free combustion it is especially suitable for the production of molding parts, transfer caps and stencils for the production of temporaries.

| $\frac{1}{8}$ mm | Ø mm | color   | pieces | item No. |
|------------------|------|---------|--------|----------|
| 0.6              | 42   | natural | 150    | D4237442 |
| 0.6              | 120  | natural | 40     | D423641  |
| 0.8              | 120  | natural | 40     | D423681  |

Template for the production of provisionals made of Drufolen H



## Drufolen W

Thermoforming blank made of polypropylene. Due to its soft-flexible consistency and residue-free combustion it is especially suitable for the production of molding parts and space maintainers used for medical splints.

| $\frac{1}{8}$ mm | Ø mm | color   | pieces | item No.  |
|------------------|------|---------|--------|-----------|
| 0.45             | 42   | natural | 150    | D42384N42 |
|                  | 120  | natural | 40     | D423441N  |
| 0.65             | 42   | natural | 100    | D42386N42 |
|                  | 120  | natural | 40     | D423461N  |
| 0.8              | 120  | blue    | 40     | D423461B  |
|                  | 42   | natural | 100    | D42388N42 |
| 0.8              | 120  | natural | 40     | D423481N  |
|                  | 120  | blue    | 40     | D423481B  |
| 1                | 120  | natural | 30     | D423401N  |

Bleaching splint with Drufolen W used as a spacer



# Thermoforming technique Blanks

## Drufosoft®

Thermoforming blank made of ethyl vinyl acetate. Soft elastic with high recovery from deformation with a final hardness of 82 Shore A. Can be laminated and is ideally suited for sports mouthguards, positioners and duplication forms.

### Please note:

Drufosoft® transparent and colour are available with special dimensions on request.

Drufosoft® colour



| mm          | color       | pieces    | item No.  |          |
|-------------|-------------|-----------|-----------|----------|
| 1           | transparent | 20        | D4245     |          |
|             |             | 50        | D42451    |          |
| 1.5         |             | 20        | D4252     |          |
|             |             | 50        | D42531    |          |
| 2           |             | 15        | D4250     |          |
|             |             | 50        | D42511    |          |
| 3           |             | neon red  | 10        | D4248    |
|             |             |           | 30        | D42481   |
|             |             | neon red  | 3         | D42483X2 |
|             |             |           | 10        | D4248X2  |
|             | neon green  | 3         | D42483X3  |          |
|             |             | 10        | D4248X3   |          |
|             | neon yellow | 3         | D42483X4  |          |
|             |             | 10        | D4248X4   |          |
|             | blue        | 3         | D42483X5  |          |
|             |             | 10        | D4248X5   |          |
|             | yellow      | 3         | D42483X6  |          |
|             |             | 10        | D4248X6   |          |
|             | black       | 3         | D42483X7  |          |
|             |             | 10        | D4248X7   |          |
|             | white       | 3         | D42483X8  |          |
|             |             | 10        | D4248X8   |          |
|             | pink        | 3         | D42483X9  |          |
|             |             | 10        | D4248X9   |          |
|             | red         | 3         | D42483X17 |          |
|             |             | 10        | D4248X17  |          |
|             | turquoise   | 3         | D42483X18 |          |
|             |             | 10        | D4248X18  |          |
|             | gold        | 3         | D42483X19 |          |
|             |             | 10        | D4248X19  |          |
| silver      | 3           | D42483X20 |           |          |
|             | 10          | D4248X20  |           |          |
| blue opaque | 3           | D42483X21 |           |          |
|             | 10          | D4248X21  |           |          |
| green       | 3           | D42483X22 |           |          |
|             | 10          | D4248X22  |           |          |
| purple      | 3           | D42483X23 |           |          |
|             | 10          | D4248X23  |           |          |
| light blue  | 3           | D42483X24 |           |          |
|             | 10          | D4248X24  |           |          |
| bordeaux    | 3           | D42483X25 |           |          |
|             | 10          | D4248X25  |           |          |
| orange      | 3           | D42483X26 |           |          |
|             | 10          | D4248X26  |           |          |
| 4           | transparent | 15        | D42472    |          |
|             |             | 75        | D424901   |          |
| 5           | transparent | 15        | D4225     |          |

# Thermoforming technique Blanks

## Drufosoft® pro

Transparent thermoforming blank made of ethyl vinyl acetate. Hard-flexible occlusion splints with high recovery from deformation with a final hardness of 95 Shore A. Can be laminated and is perfectly suitable for occlusion splints, positioners and bruxism splints.

| 3/8 mm | pieces | item No. |
|--------|--------|----------|
| 3      | 10     | D4230    |

Occlusal splint made of Drufosoft® pro

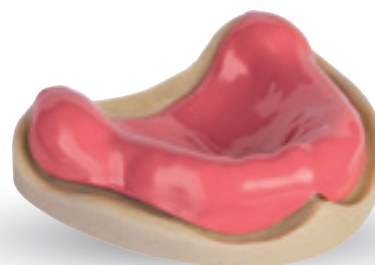


## Drufoplast

Red-opaque blanks made of polystyrene. Extremely break-resistant. Especially suitable for base plates for bite-takings and set-ups.

| 3/8 mm | pieces | item No. |
|--------|--------|----------|
| 2      | 15     | D4210Z   |

Base plate with Drufoplast



## Drufoplast

Transparent thermoforming blank made of polystyrene extremely high break-resistance. Especially suited for custom-made impression trays and x-ray splints.

| 3/8 mm | pieces | item No. |
|--------|--------|----------|
| 3      | 10     | D4214    |
| 3      | 100    | D4215    |

Transparent individual tray made of Drufoplast



## Kombiplast

Highly transparent two layer thermoforming blank made of PETG and EVA. High wearing comfort of occlusion splints due to hard surface and soft inner side. Bonds with acrylate for the individual adjustment.

| 3/8 mm                  | pieces | item No. |
|-------------------------|--------|----------|
| 2 (soft 1 : hard 1)     | 10     | D420016  |
| 3 (soft 1.5 : hard 1.5) | 10     | D420017  |
| 4 (soft 1 : hard 3)     | 10     | D420018  |

Occlusal splint made of Kombiplast



# Thermoforming technique Mouthguard

## Dreve Mouthguard

A must in every sports bag. The professional mouthguard with optimum fitting and best protection. No impact on talking, breathing and swallowing. Select the appropriate mouthguard according to the sports discipline: By using different materials and material thicknesses, the mouthguard is customised according to the sports activity. X-ray opaque stripes stand for safety. So does the Dreve Mouthguard logo, ensuring that the mouthguard was produced in a certified dental lab. Our sales channel through certified dentists and dental technicians trained by Dreve stands for constantly high quality unrivalled for many years.

- ⊕ Customised fitting by the dentist
- ⊕ Individually manufactured in the dental lab
- ⊕ Optimum shock absorption and firm fitting in the mouth



## Dreve Junior

Sports mouthguard for children and adolescents up to the age of 14.

- 1 x Drufosoft® transparent (2 mm)
- 1 x Drufosoft® colour (3 mm)



## Dreve Senior

Sports mouthguard for adults, for most hobby sports disciplines like Handball, Basketball, Squash, American Football etc.

- 1 x Drufosoft® transparent (3 mm)
- 1 x Drufosoft® colour (3 mm)



## Dreve Elite

Sports mouthguards for martial arts (with soft inlay) e. g. Boxing, Judo, Wrestling, Rugby.

- 2 x Drufosoft® transparent (3 mm)
- 1 x Drufosoft® colour (3 mm)



## Dreve Mouthguard Professional 3D

Sports mouthguard with a 3D printed insert.

- 1 x Drufosoft® transparent (3 mm)
- 1 x 3D Protector inlay
- 1 x Drufosoft® colour (3 mm)



# Thermoforming technique Mouthguard

## Dreve Mouthguard professional 3D

A miracle of bionics: In close exchange with sports scientists and professional athletes, we have succeeded in combining two different methods – traditional thermoforming technology and digital printing technology – into one product that exceeds the protection and comfort of mouthguards on the market today.



## Dreve Mouthguard professional 3D Starter Set

Complete set for the production of two "next level" mouthguards with a 3D printed, flexible insert for the best protection and accuracy of fit.

### Included:

- 4 x DrufoSoft® 3.0 mm (1 x red, 1 x white, 2 x transparent)
- 4 x 3D Protector inlays (1 x / type)
- 1 x 20 ml Protector Adhesive
- 1 x 20 ml Finishing Liquid
- 1 x Mouthguard Box

All items are also available separately.

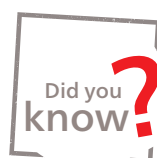
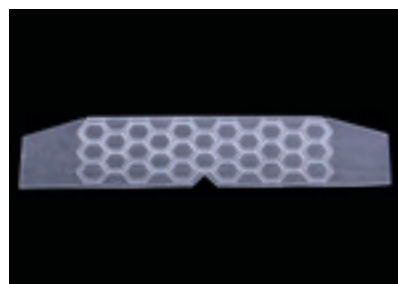
|  |        |
|--|--------|
| Dreve Mouthguard professional 3D Starter Set | D44600 |
|--|--------|



## 3D Protector inlays

3D printed inlays (8 pieces) for the production of professional 3D mouthguards. Choose between Basic (1.0–1.2 mm) and Premium (1.1–1.7 mm) depending on the required protection.

| mm      | Size | Pieces | item No. |
|---------|------|--------|----------|
| Basic   | L    | 8      | D44601   |
| Basic   | XL   | 8      | D44602   |
| Premium | L    | 8      | D44603   |
| Premium | XL   | 8      | D44604   |



The honeycomb structure of our new 3D Protector inlays is inspired by bionics. Bionics describes the science of solving technical problems based on the example of biological functions.

## Protector Adhäsiv

For connecting the first DrufoSoft® blank with a 3D Protector insert.

|              |        |
|--------------|--------|
| 20 ml bottle | D44605 |
|--------------|--------|



# Thermoforming technique Mouthguard

## Dreve Mouthguard Box

For the hygienic and safe storage of mouthguards.

|                              |        |
|------------------------------|--------|
| 5 pieces, red                | D4444  |
| 5 pieces, black with imprint | D44606 |



Would you like to produce your "next level" mouthguard? Find the detailed, illustrated step-by-step instructions on [the-next-level-mouthguard.com](http://the-next-level-mouthguard.com)

## X-ray opaque stripes

For insertion into Dreve Mouthguards. Allows the detection of the mouthguard on X-ray images, for example in unconscious patients.

|           |       |
|-----------|-------|
| 15 pieces | D4445 |
|-----------|-------|



## Dreve Mouthguard Label

Insert for Dreve Mouthguards. Issued exclusively to certified laboratories. Proof of outstanding quality regarding production and efficiency of the mouthguard.

|                   |        |
|-------------------|--------|
| 1 sheet/60 pieces | D44500 |
|-------------------|--------|



# Thermoforming technique Units

## Drufomat scan

Very easy to handle high-end thermoforming unit with a maximum in user-friendliness and consistently precise final results. Built for all applications in dental thermoforming technique. Easy to use keypad, integrated bar code scanner identifies blanks and a working pressure of up to 6 bar. Additional safety factors for professional results. Two-hand operation and LEDs that light up when heating is in operation.

### Content:

- Base range of blanks
- Drain pot for granules
- Air connection hose (1 m)

 from diameter 120 mm

|                                    |         |
|------------------------------------|---------|
| red                                | D3300   |
| silver                             | D3300X1 |
| Special color from RAL-Color-Chart | D3300X2 |



Aligners, mouthguards, bruxism splints: The thermoforming allrounder Drufomat scan belongs in every professional lab



- ⊕ Perfect combination of technology, software and design
- ⊕ Very easy operation
- ⊕ High working-pressure for all applications
- ⊕ Multi-functional professional unit



Pressure thermoforming machines work with a forming pressure which is up to 8 times as high as the forming power of vacuum units.

# Thermoforming technique Units

## Drufosmart scan

Pressure forming unit with integrated bar code scanner to identify blank codes and a working pressure of up to 4 bar. Display with self-explanatory control panel, vertical blank impression for best results. Due to the 2-hand operation and automatic switch-off function of the heating element safe working conditions are ensured. Covers the entire scope of thermoforming technique.



**Content:** from diameter 120 mm

- Base range of blanks
- Air connection hose (1 m)

|     |       |
|-----|-------|
| red | D3400 |
|-----|-------|



## Drufosmart

Basic pressure thermoforming unit with 2.5 bar working pressure. The better alternative in comparison to vacuum units with about three times higher forming pressure. Semi-automatic operation for easy adjustment of the corresponding heating times 2-hand operation and automatic switch off function of the heating element ensure safe working conditions.








**Content:** from diameter 120 mm

- Base range of blanks
- Air connection hose (1 m)

|     |                   |        |
|-----|-------------------|--------|
| red | 220–240 V / 50 Hz | D3200  |
| red | 115 V / 60 Hz     | D3200A |



|                        |  |  |  |  |  |
|------------------------|---|---|---|---|---|
| <b>Drufomat scan</b>   | 115–240 V / 50–60 Hz  | max. 315 W  | 2–6 bar (19–87 psi)   | 16 kg   | 490 x 290 x 290 mm  |
| <b>Drufosmart scan</b> | 115–240 V / 50–60 Hz  | max. 275 W  | 2–4 bar (19–58 psi)   | 15 kg   | 420 x 320 x 290 mm  |
| <b>Drufosmart</b>      | 220–240 V / 50 Hz<br>115 V / 60 Hz  | max. 275 W  | 2.5 bar (36 psi)  | 15 kg   | 420 x 320 x 290 mm  |

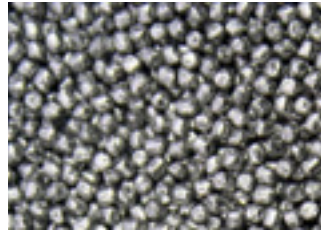
# Thermoforming technique Accessories



Round granules



Steel granules



Refined steel granules

## Granules

For embedding unneeded model parts during the thermoforming process.

|                                       |       |
|---------------------------------------|-------|
| Round granules; 1.2 kg bottle         | D4282 |
| Steel granules; 1.2 kg bottle         | D4283 |
| Refined steel granules; 1.2 kg bottle | D4284 |

## Pressure polymerisation insert

This insert allows an extra use of Drufoformat units as pressure pot for cast flasks. The pressure polymerisation insert is to be placed onto the base plate of the Drufoformat. The desired pressure can be adjusted individually between 2 and 6 bar.

|                                |       |
|--------------------------------|-------|
| Pressure polymerisation insert | D3227 |
|--------------------------------|-------|



## Workout set thermoforming technique

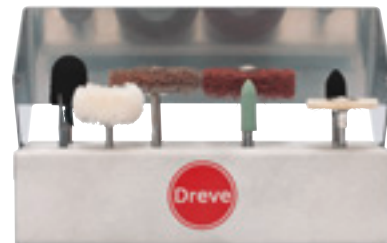
Set of grinding tools for the workout and finishing of all thermoformed parts, assorted in a robust and practical table stand, made of stainless steel.

### Content:

- 1 x square cutter\* (D4374V)
- 1 x cutter\* (D4374S)
- 1 x UltraTrimm (medium)\* (D43752)
- 1 x UltraTrimm (light)\* (D43753)
- 1 x grinding cap holder (size 2)\* incl. grinding cap (D38230T2/D38230S2)
- 1 x grinding cap holder (size 1)\* incl. grinding cap (D4458/D4461)
- 2 x mandrels incl. support discs
- 1 x hard rubber, flame shaped
- 1 x brush made of goat hair
- 1 x cotton buff

Items marked with \* are separately available.

|             |       |
|-------------|-------|
| Workout set | D3273 |
|-------------|-------|



Finishing works with the workout set thermoforming technique

# Thermoforming technique Accessories

## Fillin

Reusable block-out material on silicone basis, for covering undercut areas on the model.

|                    |        |
|--------------------|--------|
| 60 g strip, nature | D42541 |
|--------------------|--------|

## Foil scissors

Stable special scissors for use in the thermoforming technique, with ridged and bent cut.

|               |       |
|---------------|-------|
| Foil scissors | D4369 |
|---------------|-------|

## Cutters

Carbide burs for quick and clean separating and cutting or finishing of all hard thermoforming materials.

|                                 |        |
|---------------------------------|--------|
| Square cutter without toothing  | D4374V |
| Piercing cutter with spiral cut | D4374S |

## Finishing Liquid

Polishing fluid for removing roughness from Drufosoft® materials.

|               |        |
|---------------|--------|
| 250 ml bottle | D4466N |
|---------------|--------|

## Silicone grease

Special care product for lubricating rubber seals, for example o-rings on thermoforming units and pressure pots.

|           |       |
|-----------|-------|
| 35 g tube | D3350 |
|-----------|-------|

## MaxiFresh™

Cleaning tablet for external cleaning of dental splints.

|                       |       |
|-----------------------|-------|
| 24 tablets with bowl  | D4100 |
| 24 tablets refill set | D4101 |



Accurate work with Fillin



Square cutter



Piercing cutter



## Learn practically from professionals

### You never stop learning

The range of topics of our workshops offered is as diverse as the dental work routine. Thanks to this broad range, dentists, dental technicians, trainees and students benefit from our know-how and numerous practical tips.

With the hands-on courses, you will have the opportunity to learn our range of systems in a well-founded and practice-oriented way. Great emphasis is on "learning by doing". That is why we focus on practical work in our workshops. That way, you can use what you have learned in the workshop immediately in your daily work and be more efficient in the long run.

### So, for example, you will learn

- how to fabricate an occlusal splint
- why we still consider the thermoforming technique indispensable
- why our Dreve Mouthguards are so much better than ready-made mouthguards

### What to expect

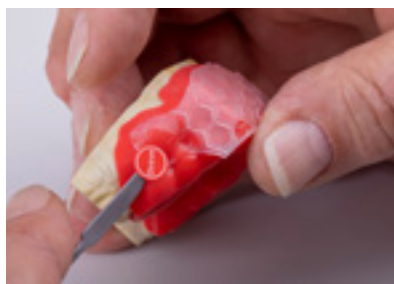
There is a maximum of 8 participants per course. Thus we can offer you individual training and personal support. The workshop content covers the entire Dreve product portfolio and includes both basic knowledge as well as selected special topics. We are pleased to cater for your physical well-being with a lunch as well as soft drinks. At the end of the course you will receive a personalised certificate of participation.

### We offer these workshops on the subject of thermoforming technology

- Basic training
- Bite splints
- Dreve Mouthguard



Information / Registration:  
[dentamid.dreve.de/en/themes/workshops](https://dentamid.dreve.de/en/themes/workshops)



## Save resources



### **Use material more efficiently with the Dosper evo**

Compared to manual mixing, using the Dosper evo saves 10 to 15 percent of material per duplication. With conventionally estimated five duplications per day, the Dosper evo quickly pays for itself.

### **Saving twice as much energy with the Polymax**

Thanks to the high-quality cast iron pot, heat once generated is retained much better than with stainless steel, for example. In addition, the Polymax heats only as needed – unlike the operation of hotplates.

### **Save power with the Druformat scan**

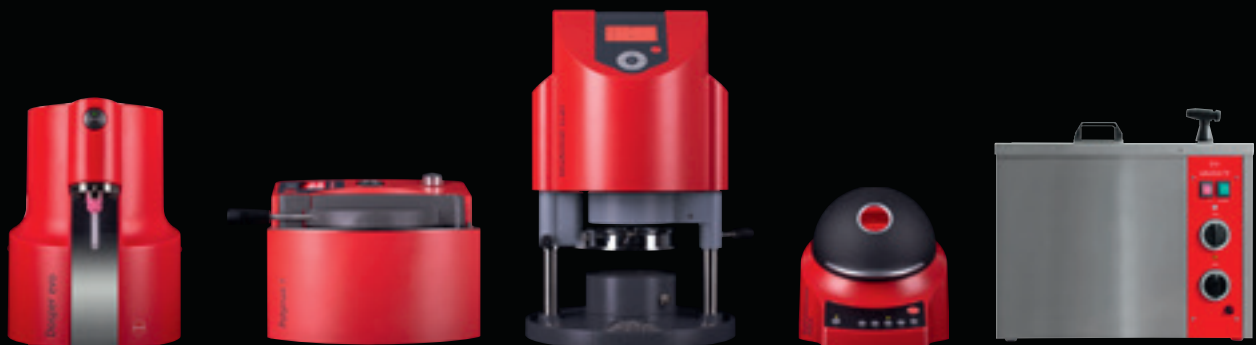
The scanner of our high-end thermoforming unit switches off automatically after 15 minutes without use. It can be reactivated by pressing any device key.

### **Conserve resources and save electricity with the EyeVolution® series**

The use of LEDs is more energy-saving than, for example, the use of flash lamps. In addition, LEDs have a significantly longer product life cycle.

### **Manage water more efficiently thanks to the Labormat range**

Compared to other forms of cleaning, the water in our Labormats can be used much more economically (since it is used several times) by means of circulation.



# Denture production with Castdon resin

## Functional, aesthetic, custom-fit

With Castdon we offer an unbeatable, complete cold-curing system for the resin pouring technique. In contrast to the hot polymer, dentures made of Castdon resin have a significantly lower shrinkage. In addition, the processing is easier, faster and cleaner.



### Align

- Maximum dorsal model height
- Create wax modeling as usual
- Functional ridges must be free of wax
- Align model in flask



### Fix

- Fix model with wax on the base plate
- Lock the flask top with clamps
- Check correct closure



### Mix

- If necessary, shake Siliform before use
- Measure 150 ml for each component and mix homogeneously with spatula



### Fill

- Fill flask completely from above in a thin stream



### Curing

- Ideally, cure the silicone under the same pressure as during the polymerisation of the casting resin (e. g. Polymax)
- Curing about 30 minutes



### Demoulding

- Loosen the bottom plate and demould the model



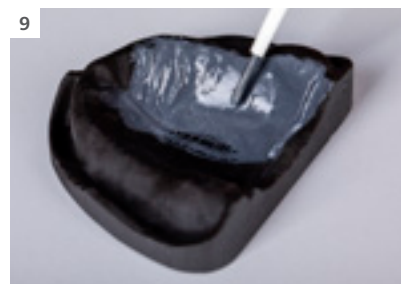
### Cut out

- Two sprues are always stung in the dorsal area of the alveolar ridge
- Create a channel in the upper jaw centrally to the base



### Repositioning

- Remove wax from teeth with stainless steel bottom plate
- Roughen teeth and attach retention
- Reposition teeth in the duplicating form
- The moist surface of Siliform does not require bonding of the teeth



### Isolate (3D print model)

- Processing on a 3D printed model: Isolate the model with FotoDent® insulant in 1-2 homogeneous layers

# Resin pouring technique Denture pouring system



Results will be even more precise if resin is cured under pressure.



## Isolate (plaster model)

- Water the model in warm water, then dry the surface
- Isolate with Isolat film
- Isolate only single-layered



## Dispense

- Reposition the model
- Lock with bottom plate
- Fill dosage dispenser, because equal filling levels guarantee the optimal mixing ratio (17g powder / 11 ml liquid for a prosthesis)



## Fill

- Mix Castdon Monomer and Polymer homogeneously in the mixing bowl
- Fill in a thin stream through one channel only



## Polymerize

- Cure in Polymax for 15 minutes at 45 °C
- Fill the water level up to the edge of the flask
- The resin-filled funnels should not be submerged



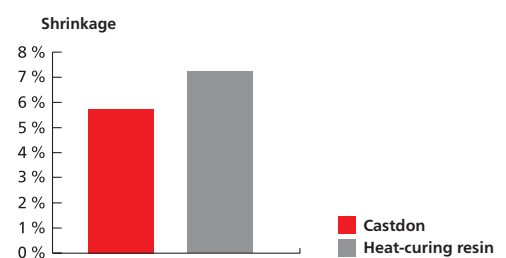
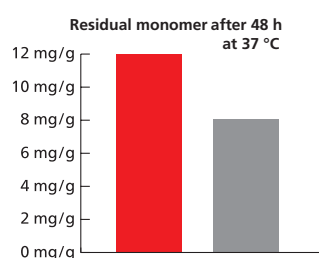
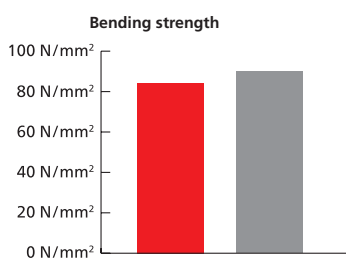
## Remove

- After polymerisation, loosen the bottom plate
- Demould the model
- The denture is easily detached from the model



## Fine work

- The rework is reduced to removal of surpluses, fine work with sandpaper
- ... and polishing – done!



# Resin pouring technique Denture pouring system

## Castdon: The pouring system for full and partial dentures

Autopolymerizing, cadmium-free PMMA-pouring resin with barbiturate curing system. Proven biocompatibility, minimum content of rest monomer, high break and color resistance. Perfectly suited for the production of full and partial dentures due to outstanding pouring qualities and minimum shrinkage.

- ⊕ Break-proof and color stable
- ⊕ Excellent flow characteristics
- ⊕ Lowest shrinkage

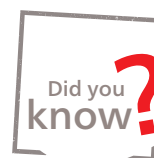


### Castdon Starter Kit

Comprehensive complete package with all necessary system components for the preparation of full and partial dentures. Contains material for the preparation of about 8 full dentures. All listed items are also sold separately.

#### Content:

- 1 x Castdon flask (D3803)
- 1 x Castdon Monomer (500 ml) (D3865)
- 1 x Castdon Polymer (750 g) (D3873 / D3884)
- 1 x Siliform (2 x 850 ml) (D38605)
- 1 x Isolat film (1 l) (D4304)
- 1 x Canal piercing instrument (D3872)
- 1 x Castdon dosing aids (2 pieces) (D38092)



The Castdon prosthesis system is perfect for repairing prostheses made with FotoDent® denture.

|                  |       |
|------------------|-------|
| pink transparent | D3790 |
| pink opaque      | D3792 |

### Castdon Polymer

Powder for Castdon resins based on polymethyl methacrylate copolymer.

|               |                  |       |
|---------------|------------------|-------|
| 750 g tub     | pink transparent | D3873 |
|               | pink opaque      | D3884 |
| 1.2 kg tub    | pink transparent | D3874 |
|               | pink opaque      | D3887 |
| 4.0 kg bucket | pink transparent | D3876 |



# Resin pouring technique Denture pouring system

## Castdon Monomer

Mixing liquid for Castdon resins on the basis of methyl methacrylate.

|               |       |
|---------------|-------|
| 150 ml bottle | D3905 |
| 500 ml bottle | D3865 |
| 1 l bottle    | D3867 |



## Dosing aids

2 measuring cups for dosing the Castdon resin in the optimal mixing ratio.

|             |        |
|-------------|--------|
| Dosing aids | D38092 |
|-------------|--------|



## Castdon flask

Professional pouring flask with transparent upper part, stainless steel bottom plate with integrated chambers for teeth dewaxing.

|  |       |
|--|-------|
| Caston flask incl. canal piercing instrument | D3803 |
|--|-------|



## Canal piercing instrument

For piercing cast canals in the dorsal area.

|                                   |       |
|-----------------------------------|-------|
| Canal piercing instrument, Ø 8 mm | D3872 |
|-----------------------------------|-------|



## Siliform

Addition-curing, shrink-free silicone for the resin pouring technique for exact detail production and faithful reproduction of the wax set-up. Slightly oily surface film enables excellent flow characteristics. Final hardness of 14 Shore A for easy flask removal.

|                    |        |
|--------------------|--------|
| 2 x 850 ml bottles | D38605 |
|--------------------|--------|



## Gelon

High quality duplicating gel on the basis of Agar-Agar. Extra hard and stable in form. Especially developed for model casting and denture pouring technique. Fast and precise work thanks to low shrinkage and short curing times.

|               |             |        |
|---------------|-------------|--------|
| 6.0 kg bucket | green       | D38602 |
| 6.0 kg bucket | transparent | D38601 |



## Isolat film

Heat-resistant film forming insulating agent with excellent separation effect on the basis of alginate. Excellent separation effect for smooth and pore-free surfaces. Suitable for insulation of plaster/resin as well as plaster/plaster.

|              |        |
|--------------|--------|
| 1 l bottle   | D4304  |
| 5 l canister | D4303N |



# Resin pouring technique Pressure polymerization units

## Polymax series

Pressure polymerization units especially developed for hot and cold curing dental resins. Adjustable temperature, 90 minutes timer, variably adjustable air pressure from 3 to 6 bar. Reliable and maintenance-free technology with automatic safety gasket system, coated aluminium pressure pot, cover from stainless steel and a sturdy housing made of polyurethane. An integrated water outlet valve facilitates the use as pressure compactor with heating switched off. Material-specific parameters of temperature and time can be monitored on the digital display and the integrated manometer.

### Content:

- Pressure hose
- Water drain hose
- Silicone mat

- ⊕ Solid and maintenance-free technique
- ⊕ Automatic safety-sealing-systems
- ⊕ Housing cover made of stainless steel
- ⊕ External housing made of hard-wearing PU



Inner dimensions  
pressure pot:

Ø 220 mm  
Height 174 mm  
Volume 6.6 l

## Polymax 5

up to 95 °C

|        |                  |         |
|--------|------------------|---------|
| red    | 230 V / 50-60 Hz | D3423   |
| red    | 115 V / 50-60 Hz | D3423A  |
| silver | 230 V / 50-60 Hz | D34231  |
| silver | 115 V / 50-60 Hz | D34231A |

# Resin pouring technique Pressure polymerization units

## Polymax 1 up to 95 °C

|        |                  |         |
|--------|------------------|---------|
| red    | 230 V / 50–60 Hz | D3429   |
| red    | 115 V / 50–60 Hz | D3429A  |
| silver | 230 V / 50–60 Hz | D34291  |
| silver | 115 V / 50–60 Hz | D34291A |



Inner dimensions  
pressure pot:

Ø 160 mm  
Height 110 mm  
Volume 2.2 l



## Polymax 1 up to 120 °C

|        |                  |         |
|--------|------------------|---------|
| red    | 230 V / 50–60 Hz | D3428   |
| red    | 115 V / 50–60 Hz | D3428A  |
| silver | 230 V / 50–60 Hz | D34281  |
| silver | 115 V / 50–60 Hz | D34281A |



The Polymax 5 provides enough space for 1 large articulator, 3 brass flasks with clamps or 4 castdon flasks



Inner dimensions  
pressure pot:




Ø 160 mm  
Height 300 mm  
Volume 6.0 l



## Polymax 3 up to 95 °C

|        |                  |         |
|--------|------------------|---------|
| red    | 230 V / 50–60 Hz | D3422   |
| red    | 115 V / 50–60 Hz | D3422A  |
| silver | 230 V / 50–60 Hz | D34221  |
| silver | 115 V / 50–60 Hz | D34221A |



|                           |  |  |  |  |  |
|---------------------------|---|---|---|---|---|
| <b>Polymax 1 (95 °C)</b>  | 230 V / 50–60 Hz<br>115 V / 50–60 Hz  | 450 W   | 3–5.2 bar (adjustable)  | 10 kg   | 230x290x300 mm  |
| <b>Polymax 1 (120 °C)</b> |   | 450 W   | 3–4.2 bar (adjustable)  | 10 kg   | 230x290x300 mm  |
| <b>Polymax 3</b>          |   | 900 W   | 3–5.2 bar (adjustable)  | 13.5 kg   | 450x290x330 mm  |
| <b>Polymax 5</b>          |   | 900 W   | 3–6 bar (adjustable)  | 15.6 kg   | 310x340x400 mm  |

# Resin pouring technique Wax boil-out units

## Labormat series

Sturdy boil-out units from stainless steel for up to 6 resp. 12 flasks. Steplessly adjustable temperature from 65–95 °C and manual regulation of spray times of up to 6 minutes. A user-friendly moment switch and an integrated handspray gun add to convenient operation. For easy every-day work the unit has a 24-hour timer. The Labormat can equally be used for the curing of hot polymerizing materials.

### Labormat TH

**Content:**

- Cleaning brush
- Flask supporting plate

230 V / 50 Hz

D3603N



### Labormat SD

**Content:**






- Cleaning brush
- Flask supporting plate
- Water run-off / supply hose
- Castors
- Collection tank for waste water

230 V / 50 Hz

D3601



Always make sure that there is enough water in the Labormat. A too low water level leads to the activation of the safety switch.

|                    |  |  |  |  |  |
|--------------------|---|---|---|---|---|
| <b>Labormat TH</b> | 3.2 kW at 230 V / 50 Hz   | 65–95 °C  | 15 l  | 38 kg   | 440x580x360 mm  |
| <b>Labormat SD</b> | 3.1 kW at 230 V / 50 Hz   | 65–95 °C  | 50 l  | 75 kg   | 850x630x600 mm  |

# Resin pouring technique Accessories

## Flask basket

Made of stainless steel, with plastic handle for 3 flasks. You need 2 baskets for the Labormat TH and 4 baskets for the Labormat SD.

|              |       |
|--------------|-------|
| Flask basket | D3604 |
|--------------|-------|



## Filter mats (18x60 cm)

For collecting wax residues, plaster residues etc. when boiling-out in Labormat units. You need one filter mat for the Labormat TH, two mats for the Labormat SD.

|           |        |
|-----------|--------|
| 10 pieces | D36018 |
|-----------|--------|



The use of filter mats saves cleaning time

## Unisol E

Descaling agent for the cleaning of frequently used boiling-out units.

|               |       |
|---------------|-------|
| 2.5 kg bucket | D4383 |
|---------------|-------|



## Unisol W

Concentrated wax-solving additive for a quicker and more intense cleaning of models in wax boiling-out units (e. g. Labormat).

|                |       |
|----------------|-------|
| 2 x 1 l bottle | D4392 |
| 5 l canister   | D4393 |



## Base

On castors for Labormat TH with dimensions (HxWxD) 435x590x370 mm.

|      |       |
|------|-------|
| Base | D3607 |
|------|-------|



# Let there be light

## Equipment and materials for light polymerization

Light-curing materials are among the most commonly used tools in the dental laboratory. Without these and the appropriate equipment many elementary work steps cannot be adequately performed. This is why we constantly research innovations in the field of light curing. The replacement of light tubes by LEDs in our units is a shining example for simplified, more economical work processes.

### Plaquit

Light-curing, one-component benzoyl peroxide-free lacquer with several application possibilities. For the coating of resin build-ups on splints, resin parts on full and partial dentures as well as temporaries in the crown and bridge technique. Polymerization in the EyeVolution®.

|              |        |
|--------------|--------|
| 20 ml bottle | D38124 |
| 50 ml bottle | D38123 |



### NanoVarnish

Transparent, light-curing one-component lacquer. Thanks to specially structured nano-particles the material creates an ideal surface energy minimising the adhesion of germs. Extremely thin layers and optimum flowing characteristics facilitate the application. Curing in light polymerization units with the spectral area 350–500 nm, like e. g. EyeVolution®.

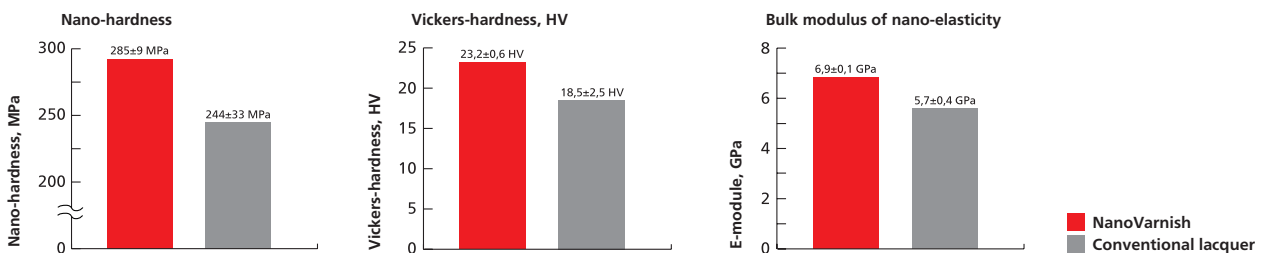
|                                    |        |
|------------------------------------|--------|
| 20 ml bottle incl. 10 MicroBrushes | D38900 |
|------------------------------------|--------|



**NanoVarnish**  
Especially suitable for functional areas like implants, bars, attachments.



### NanoVarnish vs. conventional lacquers



# Light polymerization Materials

## Cenit L

Light-curing PMMA resin with facilitated application: Dosing aid enables applications of up to 2 mm layer thickness. For the production of space maintainers of medical and bleaching splints. Block out of undercuts or mounting of broken teeth or to fill up air bubbles in the working models. Polymerizes in each standard laboratory light unit with a spectral range of 300–500 nm, e. g. EyeVolution®.

|   |       |
|---|-------|
| 4 application syringes (2.5 g each) incl. 8 dosing tips | D3815 |
|---|-------|



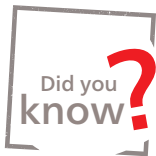
With Cenit L, a layer thickness of up to 2 mm can be cured



## Lightplast Base Plates

Pre-formed, light curing upper jaw (UJ) resin base plates for the production of custom-made impression trays, bite patterns and resin bases for the tooth set-up for complete dentures. Polymerization in all standard laboratory units with a spectral range of 300–500 nm, e. g. EyeVolution®.

|                   |         |
|-------------------|---------|
| 50 pieces, pink   | D38135R |
| 50 pieces, nature | D38135N |



**Lightplast Base Plates**  
Our 3D alternative: FotoDent® tray2.



Individual trays, the classical application for Lightplast Base Plates



Light polymerization

# Light polymerization Units

## EyeVolution® series

The EyeVolution® light-curing units base upon the latest developments in the field of LED technique. They distinguish through their simple and intuitive handling, and due to their compact dimensions they are most suitable also for individual work stations. Most modern LED components generate exact wavelengths with extremely high light performances, thus providing for an optimum polymerization with shortened curing times and minimum thermal strain on the material. Due to an almost unlimited durability of the LEDs the exchange of the light sources during maintenance is made redundant.



Different photo-initiators used in medical technology need different light sources. The light sources of the EyeVolution® series are placed according to the fields of application of these units.

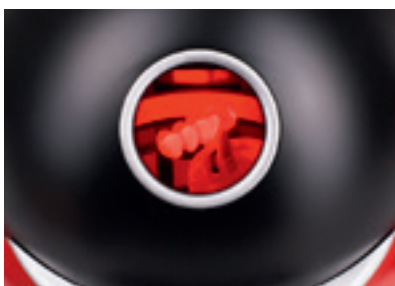
- ⊕ High hardness efficiency
- ⊕ Effective deep polymerization
- ⊕ Quiet operation
- ⊕ Low thermal stress

## EyeVolution® MAX

Light polymerization unit especially developed for all commonly available composites like in- and onlays or vestibular and occlusal veneers. Rotary reflective plate with 180° automatic swivelling and optimised LED-positioning with 6 bluelight and 1 UV light LEDs. Very short polymerization time, e.g. thicknesses of up to 2 mm in three minutes.

EyeVolution® MAX

D38101



The reflective rotary table avoids formation of shades during polymerization

Ⓛ  
1/2/3/5/10 min.



# Light polymerization Units

## EyeVolution®

Light polymerization unit especially developed for all commercially available base materials like build-up resins of thermoformed splints, individual tray material, sealing lacquers and blockout resins. The built-in LEDs reach exactly the wavelength ranges that are needed for the activation of resins.

|              |        |
|--------------|--------|
| EyeVolution® | D38100 |
|--------------|--------|



1 / 2 / 3 / 5 / 10 min.



Positioning of the light source according to application

## MultiSpot®

Hand-held polymerization device for lightcuring laboratory materials such as composites, splint materials, adhesives and bonding materials. Simultaneous use of UV and blue light LED with integrated performance control for all common wavelengths. A real relief in everyday laboratory work due to handy and wireless appliance.



0:33 min.

### Content:

- 1 battery charger
- 1 visor ring

|            |        |
|------------|--------|
| MultiSpot® | D38110 |
|------------|--------|



"Third hand" in dental labs: MultiSpot®



| EyeVolution® MAX | 100–240 V / 50–60 Hz, 0.7 A | max. 30 W | 385–390 (UV light) and 465–470 nm (bluelight) | 1.8 kg | 205x205x255 mm |
|------------------|-----------------------------|-----------|---|--------|----------------|
| EyeVolution®     | 100–240 V / 50–60 Hz, 0.7 A | max. 18 W | 385–390 (UV light) and 465–470 nm (bluelight) | 1.5 kg | 205x205x255 mm |
| MultiSpot®       | 100–240 V                   | 2.73 W    | 385 (UV light) and 465 nm (bluelight)         | 140 g  | 140x30x30 mm   |

# Laboratory silicones Duplication silicones

## Dublisil®

Addition-curing vinyl polysiloxanes for all application fields in dental duplication technique, with final hardness 15/20/22/30 Shore A. Dublisil® 15 and 20 are also available as speed versions which allow deflasking after only 10 minutes. Due to the used platinum hardener the forms are virtually shrinkage-free and show an outstanding storage stability. Excellent mechanical characteristics provide for a very smooth deflasking. Negative forms can be filled several times without losing any precision. The surface of the duplication model is smooth without any additional treatment.

- ⊕ High form constancy
- ⊕ Long-term stability
- ⊕ Easy to deflask, without loss of accuracy
- ⊕ Smooth surface without additional treatment

## Dublisil® 15 speed

Highspeed duplicating silicone for all kinds of duplications with a final hardness of 15 Shore A. Very easy to deflask, with highly flexible final consistency.

|                     |       |
|---------------------|-------|
| 2 x 850 ml bottle   | D4815 |
| 2 x 5.1 l canister  | D4816 |
| 2 x 21.2 l canister | D4817 |



## Dublisil® 20 speed

Universal, ultrafast duplicating silicone for all kinds of duplications with a final hardness of 20 Shore A. Especially suitable for stable duplicating forms e. g. attachment and milling techniques through the medium final hardness.

|                     |       |
|---------------------|-------|
| 2 x 850 ml bottle   | D4515 |
| 2 x 5.1 l canister  | D4516 |
| 2 x 21.2 l canister | D4517 |



## Dublisil® 15

Thinflowing standard material with a final hardness of 15 Shore A for the complete duplication technique. Very easy to deflask with highly flexible final consistency.

|                     |       |
|---------------------|-------|
| 2 x 850 ml bottle   | D4801 |
| 2 x 5.1 l canister  | D4806 |
| 2 x 21.2 l canister | D4807 |



# Laboratory silicones Duplication silicones

## Dublisil® 20

Universal duplicating silicone for all kinds of duplications with a final hardness of 20 Shore A. Especially suitable for stable duplicating forms, e. g. attachment and milling techniques through the medium final hardness.

|                     |       |
|---------------------|-------|
| 2 x 850 ml bottle   | D4527 |
| 2 x 5.1 l canister  | D4528 |
| 2 x 21.2 l canister | D4529 |



## Dublisil® 22 plus

Duplication silicone with a final hardness of 22 Shore A, with a high detail accuracy and high-grade mechanical characteristics which guarantee a problem-free deflasking due to excellent tensile strength and break and tear resistance.

|                     |       |
|---------------------|-------|
| 2 x 850 ml bottle   | D4533 |
| 2 x 5.1 l canister  | D4531 |
| 2 x 21.2 l canister | D4532 |



## Dublisil® 30

Duplication silicone with a high final hardness of 30 Shore A which is characterised by its high tear resistance. Ideally applicable for highly precise embedding material e. g. telescope or attachment works. Furthermore it can be used also in flaskless duplicating technique.

|                     |       |
|---------------------|-------|
| 2 x 850 ml bottle   | D4500 |
| 2 x 5.1 l canister  | D4502 |
| 2 x 21.2 l canister | D4503 |



### Dublisil® speed versions

Are particularly suitable for the processing in the Dosper eva. If mixed by hand, due to the short processing time, there will only be enough time to fill one flask.

| Dublisil® 15 speed | 3:00 min. | 10:00 min.* | > 99.8 % | 15 Shore A | turquoise  | medium – type 2 |
|--------------------|-----------|-------------|----------|------------|------------|-----------------|
| Dublisil® 20 speed | 3:00 min. | 10:00 min.* | > 99.8 % | 20 Shore A | blackberry | medium – type 2 |
| Dublisil® 15       | 6:00 min. | 25:00 min.* | > 99.8 % | 15 Shore A | green      | medium – type 2 |
| Dublisil® 20       | 6:00 min. | 25:00 min.* | > 99.8 % | 20 Shore A | pink       | medium – type 2 |
| Dublisil® 22 plus  | 5:00 min. | 25:00 min.* | > 99.6 % | 22 Shore A | red        | medium – type 2 |
| Dublisil® 30       | 6:00 min. | 25:00 min.* | > 99.8 % | 30 Shore A | purple     | medium – type 2 |

\*incl. processing time

# Laboratory silicones Modelling silicones

## Laborsil pro

Kneadable lab putty with a final hardness of 70 or 90 Shore A, made of addition-curing silicone. The smooth and non-sticky initial consistency enables an easy and clean mixing in a 1:1 ratio. Laborsil pro is shrinkage-free and creates a highly precise impression and exact reproduction of details. Furthermore the material is heat resistant to up to 200 °C.

### Laborsil pro 70

Kneadable laboratory putty with a medium final hardness made of addition-curing silicone. Especially suitable for matrix or control key. Smooth, non sticky initial consistency, mixing in ratio of 1:1. Shrinkfree results with exact reproduction of details.

|            |                      |        |
|------------|----------------------|--------|
| 2 x 450 ml | (approx. 2 x 750 g)  | D38390 |
| 2 x 1.2 l  | (approx. 2 x 1.9 kg) | D38391 |
| 2 x 3.45 l | (approx. 2 x 5 kg)   | D38392 |

### Laborsil pro 90







Extremely hard, kneadable laboratory putty with smooth single components for easy kneading. Especially suitable for model material for repairs, enlargements and bite fixations. Smooth, non-sticky initial consistency, mixable in a ratio of 1:1. Shrink-free results with exact reproduction of details.

|            |                      |        |
|------------|----------------------|--------|
| 2 x 450 ml | (approx. 2 x 750 g)  | D38393 |
| 2 x 1.2 l  | (approx. 2 x 1.9 kg) | D38394 |
| 2 x 3.45 l | (approx. 2 x 5 kg)   | D38395 |



Very precise results with exact reproduction of details: Laborsil pro



|                 |  |  |  |  |  |  |
|-----------------|---|---|---|--|---|---|
| Laborsil pro 70 | 0:30 min.   | 1:15 min.   | 6:00 min.   | 70 Shore A   | grey  | kneadable – type 0  |
| Laborsil pro 90 | 0:30 min.   | 1:15 min.   | 6:00 min.   | 90 Shore A   | grey  | kneadable – type 0  |

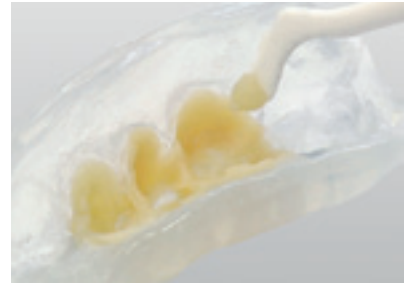
# Laboratory silicones Other laboratory silicones



## Laborsil clear

Highly transparent silicone for the fabrication of precise pre-walls with a final hardness of 70 Shore A. The matrix material is suitable for light-curing anterior and posterior composites. Thanks to its transparency, light penetrates unhindered, resulting in deep polymerization of the composite. For partially prosthetic restorations, it enables easy visual control.

|   |        |
|---|--------|
| 2 x 50 ml double cartridges with 12 mixing tips | D38396 |
| 8 x 50 ml double cartridges                     | D38397 |



Application example Laborsil clear









## Silfix

Precise embedding material on the basis of addition-curing silicone with perfect flow characteristics for the production of full dentures. Especially developed for the denture pressing procedure. Guarantees a safe fitting of teeth in the counter part thanks to the final hardness of over 70 Shore A.

|  |         |
|--|---------|
| 2 x 200 ml dosing bottles with mixing beaker | D4311   |
| 4 x 50 ml double cartridges                  | D504310 |



|                |  |  |  |  |  |  |
|----------------|---|---|---|--|---|---|
| Laborsil clear | -   | 0:30 min.   | 1:30 min.   | 70 Shore A   | transparent   | medium – type 2   |
| Silfix         | 0:30 min.   | 2:00 min.   | 7:00 min.   | 74 Shore A   | pink  | low – type 3  |

# Laboratory silicones Other laboratory silicones

## GumQuick

Addition-curing silicone for the production of flexible gingiva masks in three versions with color adapted to natural gingiva. Exact and detailed working thanks to optimum flowing characteristics. Easy finishing with scalpel or rotating instruments. Shrinkage-free and storage stable.

## GumQuick

Gingiva mask material especially developed for the C&B technique with very good tear-resistance and elongation values. Optimum flow properties for easy and safe handling.

4 x 50 ml double cartridges

D504888



## GumQuick Set

The insulating material DuoSep included in the set also allows direct mask production in the impression.

### Content:

- 2 x 50 ml double cartridge GumQuick with 12 Mixing tips
- 1 x 10 ml bottle DuoSep

GumQuick set

D504842

Production of a gingiva mask with matrix on the model



## GumQuick scan Set

Addition-curing silicone for the manufacturing of flexible and scannable gingiva masks in the CAD/CAM technique. Due to the special formulation optimal scannability or readability is achieved in commercially available dental scanners. The enclosed insulating agent DuoSep also allows a direct mask production in the impression.

### Content:

- 2 x 50 ml double cartridge GumQuick scan with 12 Mixing tips
- 1 x 10 ml bottle DuoSep

GumQuick scan set

D504890



# Laboratory silicones Other laboratory silicones



Developed for the digital process: GumQuick scan

## GumQuick implant

Gingiva mask material especially developed for implant works. High final hardness and low flexibility for safe and exact secondary constructions. The polymerised gingiva mask shows an abrasion resistant surface.

4 x 50 ml double cartridges D504898

## GumQuick implant Set

The enclosed insulating agent DuoSep also allows a direct production in the impression.

### Content:




- 2 x 50 ml double cartridge GumQuick implant with 12 Mixing tips
- 1 x 10 ml bottle DuoSep

GumQuick implant set D504892



### Production of gingiva mask in the impression with GumQuick implant



|                  |  |  |  |  |  |
|------------------|---|---|---|---|---|
| GumQuick         | 1:30 min.   | 6:30 min.   | 4.5 MPa   | 60 Shore A  | low – type 3  |
| GumQuick scan    | 1:30 min.   | 6:30 min.   | 4.5 MPa   | 65 Shore A  | low – type 3  |
| GumQuick implant | 1:30 min.   | 6:30 min.   | 3.9 MPa   | 75 Shore A  | low – type 3  |

# Laboratory silicones Other laboratory silicones



Indirect denture relining with MegaBase®

## MegaBase® Starter Kit

### Content:

- 1 x 50 ml double cartridge MegaBase® silicone with 6 mixing tips
- 1 x 50 ml double cartridge MegaBase® 2K lacquer with 6 mixing tips
- 1 x 10 ml bottle MegaBase® Adhesive
- 3 x grinding tools
- 1 x notepad with care instructions

MegaBase® Starter Kit

D5038223



## MegaBase® silicone

Permanently soft-remaining relining material on the basis of addition-curing polysiloxanes. The auto-polymerising silicone is suitable for the direct (chair-side) and for the indirect production method. The scope is very diverse and includes e. g. the relief of pressure points, protective cover after implantation or the improvement of the suction effect.

2 x 50 ml double cartridges

D5038223NR



Glossy sealing of the silicone denture relining

## MegaBase® 2K lacquer

Colorless, transparent, self-curing 2-component silicone lacquer for the coating of soft relining of addition-curing silicones. Very easy to use. The result: transparent-glossy and sealed surfaces.

2 x 50 ml double cartridges, 12 mixing tips

D38233

## MegaBase® Adhesive

For adhesion between the addition-curing silicone and acrylate.

10 ml bottle with brush insert

D5038220NA



| MegaBase® silicone | 2:20 min. | 20:00 min. | 99.9 % | 4.9 MPa | 33 Shore A | medium – type 2 | pink transparent  |
|--------------------|-----------|------------|--------|---------|------------|-----------------|-------------------|
| MegaBase® 2K Lack  | 2:15 min. | 20:00 min. | –      | –       | 25 Shore A | low – type 3    | clear transparent |

# Laboratory silicones Other laboratory silicones

## Odontosil

Clear-transparent, addition-curing silicone with a final hardness of 50 or 60 Shore A for the production of orthodontic elasto-positioners. The curing at room temperature permits, besides the indirect flask method, also the direct application with the double cartridge directly onto the set up model. Furthermore slight tooth corrections can be effected without any problems.

### Odontosil 50

|   |          |
|---|----------|
| 2 x 50 ml double cartridges, 12 mixing tips | D5038150 |
| 8 x 50 ml double cartridges                 | D5038229 |

### Odontosil 60

|   |          |
|---|----------|
| 2 x 50 ml double cartridges, 12 mixing tips | D5038160 |
| 8 x 50 ml double cartridges                 | D5038227 |

### Odontosil 2K lacquer

Clear-transparent 2K silicone lacquer developed for coating Odontosil positioners made of addition-curing silicones. The result: transparent-glossy and sealed surfaces.

|   |        |
|---|--------|
| 2 x 50 ml double cartridges, 12 mixing tips | D38234 |
|---|--------|



Production of a silicone positioner with the Odontosil materials



| Odontosil 50 | 5:00 min. | 30:00 min. | > 99.5 % | > 5 MPa | > 15 N/mm | < 4.0 % | 50 Shore A | medium – type 2 |
|--------------|-----------|------------|----------|---------|-----------|---------|------------|-----------------|
| Odontosil 60 | 5:00 min. | 30:00 min. | > 99.5 % | > 5 MPa | > 17 N/mm | < 4.0 % | 60 Shore A | medium – type 2 |

# Laboratory silicones Mixing-/Dosing unit

## Dosper evo

Automatic mixing and dosing unit for thin-flowing, addition-curing duplication silicones. Due to its innovative adjustable flow it is suitable for all duplication silicones with a mixing ratio 1:1. The result: no unwanted emptying of the reservoirs and mixing of components. The unit is constantly ready for use and very economical and is profitable also for smaller labs.

### Content:





- 5 mixing tips, pink
- 2 bottle adaptors

|        |                  |         |
|--------|------------------|---------|
| red    | 230 V / 50–60 Hz | D5050   |
| silver | 230 V / 50–60 Hz | D50501  |
| red    | 115 V / 50–60 Hz | D5050A  |
| silver | 115 V / 50–60 Hz | D50501A |

- ⊕ Reduced formation of shades thanks to lighting of the working area
- ⊕ Shortened and safe dispensing process
- ⊕ Improvement of the material quality values
- ⊕ Low thermal strain



**Dosper evo**  
When connecting the original containers please pierce a small hole into them in order to avoid different filling volumes.  
... or simply use the material reservoirs!

|                   |   |   |  |   |
|-------------------|---|---|--|---|
|                   |  |  |  |  |
| <b>Dosper evo</b> | 230 V / 115 V   | 250 W   | 12 kg  | 320x225x370 mm  |

# Laboratory silicones Accessories

## Material reservoirs for Dosper evo

Transparent container made of sturdy plastic for duplication silicone, equipped with quick coupling for easy installation. Filling volume approx. 1.7 l per reservoir.

|                      |       |
|----------------------|-------|
| 2 pieces, Dosper evo | D5022 |
|----------------------|-------|



## Connection hoses for Dosper evo

For the safe connection between small and large Dublissil® canisters and the Dosper units.

|  |            |        |        |
|--|------------|--------|--------|
| 2 pieces, Connection hoses for canister (5.1 l)  | Dosper evo | 265 mm | D49366 |
| 2 pieces, Connection hoses for canister (21.2 l) | Dosper evo | 475 mm | D49367 |



## Storage rack for Dosper units

For storage of small (5.1 l) or large (21.2 l) Dublissil® containers above the Dosper.

|                                       |        |
|---------------------------------------|--------|
| small, 371 x 295 x 214 mm (H x W x D) | D49364 |
| big, 665 x 533 x 322 mm (H x W x D)   | D49365 |



Clean duplication process with Dosper evo



## Laboratory silicones Accessories

- ⊕ Safe fitting of the negative due to retention part
- ⊕ Fixture with conical cuff
- ⊕ Top, cuff and base part are made of durable Makrolon plastic



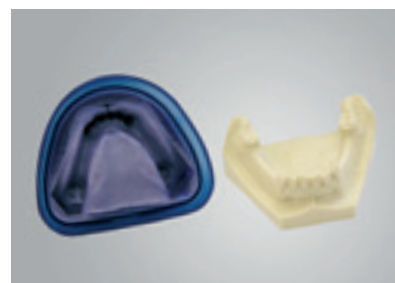
Height adjustable flask

### Dublilil® flask

Height adjustable flask for the economic silicone duplication technique for models with or without base. Highly economical through variably adjustable interior part and therefore best adjustment to the corresponding model situation.

Dublilil flask, incl. foam spacer

D3805



Economic duplications thanks to Dublilil® flask

### Foam spacer

For Dublilil® flasks, encloses the model base for more economical duplications.

25 pieces

D38076



# Laboratory silicones Accessories

## DuoSep

Insulation agent between addition-curing silicone and polyether materials.

|                                |       |
|--------------------------------|-------|
| 10 ml bottle with brush insert | D4306 |
|--------------------------------|-------|



## Mixing tips

Mixing ratio 1:1  
 Inner-Ø 5.4 mm  
 Color pink

Dosper evo  
 Silfix

|            |          |
|------------|----------|
| 40 pieces  | D4970X1  |
| 100 pieces | D49701X1 |



Mixing ratio 1:1  
 Inner-Ø 6.5 mm  
 Color green

Laborsil clear  
 MegaBase®  
 Odontosil

|            |          |
|------------|----------|
| 40 pieces  | D4970X2  |
| 100 pieces | D49701X2 |



Mixing ratio 1:1  
 Inner-Ø 5.4 mm  
 Color transparent

Dosper M4

|            |        |
|------------|--------|
| 40 pieces  | D4960  |
| 100 pieces | D49601 |



Mixing ratio 1:1  
 Inner-Ø 3.2 mm  
 Color light blue

GumQuick  
 GumQuick scan  
 GumQuick implant  
 MegaBase® 2K Lack  
 Odontosil 2K Lack

|            |          |
|------------|----------|
| 40 pieces  | D4970X3  |
| 100 pieces | D49701X3 |



## DS 50 Injector 1:1

For applications of dental laboratory silicones from S 50 double cartridges.

Mixing ratio 1:1

|                    |       |
|--------------------|-------|
| DS 50 Injector 1:1 | D5007 |
|--------------------|-------|



# More products and accessories

## Modralit® 3K Set

Castable model stump material based on polyurethane for the production of precision models. Due to its edge strength, Modralit® 3K is excellently suited for the precious metal and base metal technology and is particularly suitable for step and partial crown preparations. The set is enough for about 10 complete tooth rims, which can then be coated with commercial painting systems.

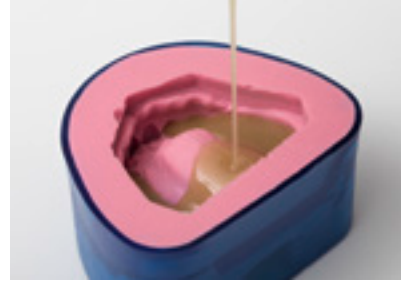
### Content:

- 2 x 100 ml bottles base
- 1 x 100 ml bottle hardener
- 1 x 400 g tub filler material

|                  |       |
|------------------|-------|
| Modralit® 3K Set | D3926 |
|------------------|-------|

## Refill packs for Modralit® 3K Sets

|        |          |        |
|--------|----------|--------|
| 100 ml | Base     | D39261 |
| 100 ml | Hardener | D39262 |
| 400 g  | Filler   | D39263 |



The precise alternative to the plaster model:  
Modralit® 3K



## Separator

Agent for the separation of non-compatible materials like Modralit® 3K from polyether impressions, A-silicones from C-silicones and identical materials, for example A-silicones from A-silicones.


|                                |       |
|--------------------------------|-------|
| 50 ml bottle with brush insert | D4305 |
|--------------------------------|-------|

## GipsEx

Chemical plaster solvent for use e. g. in the resin technique. GipsEx is especially effective and consequently time-saving when cleaning resin dentures, mixing beakers etc. Suitable for use in ultra-sonic units.

|                  |       |
|------------------|-------|
| 2 x 1 l bottle   | D4395 |
| 1 x 5 l canister | D4396 |

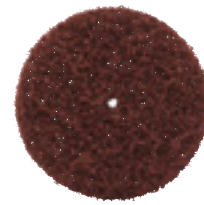


|              |   |   |   |
|--------------|---|---|---|
|              |  |  |  |
| Modralit® 3K | ~ 2:00 min  | ~ 0.07 %  | ivory   |

# More products and accessories

## UltraTrimm

Flexible grinding wheels for the rough to fine elaboration of EVA thermoforming blanks for sports mouthguards (e. g. Drufosoft®), soft-remaining relining silicone (e. g. MegaBase®), positioner silicone (e. g. Odontosil) as well as hard and soft/hard thermoforming blanks at a maximum of 15.000 revolutions / minute.



UltraTrimm light  
(Ø 28 mm / thickness 7 mm)



UltraTrimm medium  
(Ø 28 mm / thickness 7 mm)



UltraTrimm heavy  
(Ø 28 mm / thickness 14 mm)



Mandrel and support disc

## UltraTrimm Set

Set with several grinding wheels in different selectable hardnesses. Each set additionally contains 4 support discs as well as 1 mandrel.

|   |        |
|---|--------|
| UltraTrimm set light, 12 grinding wheels  | D43753 |
| UltraTrimm set medium, 12 grinding wheels | D43752 |
| UltraTrimm set heavy, 6 grinding wheels   | D43751 |

## UltraTrimm economy pack

Storage pack with 80 resp. 40 grinding wheels in different selectable hardnesses.

|   |        |
|---|--------|
| UltraTrimm Set light, 80 grinding wheels  | D43763 |
| UltraTrimm Set medium, 80 grinding wheels | D43762 |
| UltraTrimm Set heavy, 40 grinding wheels  | D43761 |

## Grinding cap holders and grinding caps

Rotating, ergonomic and interchangeable corundum grinding caps with a grain of 150 µm for the elaboration of EVA thermoforming blanks for sports mouthguards (e. g. Drufosoft®), soft-remaining relining silicone (e. g. MegaBase®) as well as positioner silicone (e. g. Odontosil) at a maximum of 20,000 revolutions / minute.

| Size | 1 x Grinding cap holder    |  |                     | 5 x grinding caps            |  |
|------|----------------------------|--|---------------------|------------------------------|--|
| 1    | round; Ø 7 mm<br>D38230T1  |  | ◀ compatible with ▶ | round; Ø 8.5 mm<br>D38230S1  |  |
|      | pointed; Ø 5 mm<br>D4458   |  | ◀ compatible with ▶ | pointed; Ø 6.5 mm<br>D4461   |  |
| 2    | round; Ø 10 mm<br>D38230T2 |  | ◀ compatible with ▶ | round; Ø11.5 mm<br>D38230S2  |  |
|      | pointed; Ø 7 mm<br>D4459   |  | ◀ compatible with ▶ | pointed; Ø 8.5 mm<br>D4462   |  |
| 3    | round; Ø 13 mm<br>D38230T3 |  | ◀ compatible with ▶ | round; Ø 14.5 mm<br>D38230S3 |  |

# More products and accessories

## Mixing tips

Mixing ratio 1:1  
 Inner-Ø 5.4 mm  
 Color pink

Dosper evo  
 StoneBite®  
 StoneBite® scan  
 Silfix

|            |          |
|------------|----------|
| 40 pieces  | D4970X1  |
| 100 pieces | D49701X1 |



Mixing ratio 1:1  
 Inner-Ø 6.5 mm  
 Color green

Dynax® clear  
 Dynax® heavy body  
 Dynax® mono  
 Regofix  
 Laborsil clear  
 Megabase®  
 Odontosil

|            |          |
|------------|----------|
| 40 pieces  | D4970X2  |
| 100 pieces | D49701X2 |



Mixing ratio 1:1  
 Inner-Ø 4.2 mm  
 Color yellow

Dynax® light

|            |          |
|------------|----------|
| 40 pieces  | D4970X5  |
| 100 pieces | D49701X5 |



Mixing ratio 1:1  
 Inner-Ø 2.5 mm  
 Color brown

for double-chamber syringes

|            |          |
|------------|----------|
| 40 pieces  | D4970X6  |
| 100 pieces | D49701X6 |



Mixing ratio 4:1  
 Inner-Ø 3.2 mm  
 Color light blue

Fixtemp C&B 4:1

|            |          |
|------------|----------|
| 40 pieces  | D4970X4  |
| 100 pieces | D49701X4 |



Mixing ratio 1:1  
 Inner-Ø 5.4 mm  
 Color transparent

Dosper M4

|            |        |
|------------|--------|
| 40 pieces  | D4960  |
| 100 pieces | D49601 |



Mixing ratio 1:1  
 Inner-Ø 3.2 mm  
 Color light blue

GumQuick  
 GumQuick scan  
 GumQuick implant  
 MegaBase® 2K Lack  
 Odontosil 2K Lack

|            |          |
|------------|----------|
| 40 pieces  | D4970X3  |
| 100 pieces | D49701X3 |



Mixing ratio 5:1  
 Inner-Ø 6.0 mm  
 Color yellow

Zerosil® soft

|           |       |
|-----------|-------|
| 15 pieces | D4982 |
| 50 pieces | D4981 |



## More products and accessories

### Tips

For mixing tips for intra-oral application.

transparent (e. g. for Dynax® clear)

yellow (e. g. for Dynax® light)

|                        |        |
|------------------------|--------|
| 40 pieces, transparent | D49602 |
| 40 pieces, yellow      | D49604 |



### Application tips

For mixing tips for intra-oral application. Flattened form for bite registration materials.

transparent (e. g. for StoneBite®)

|                        |        |
|------------------------|--------|
| 40 pieces, transparent | D49603 |
|------------------------|--------|



### Bayonet-ring

Attachment for the use of 380 ml cartridges.

|                      |       |
|----------------------|-------|
| Bayonet-ring, yellow | D4980 |
|----------------------|-------|



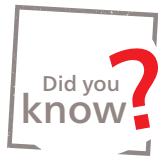
### Application tips

Top pieces for dosing syringes.

Inner-Ø 0.9 mm

black (e. g. for Cenit L)

|                  |       |
|------------------|-------|
| 15 pieces, black | D2308 |
|------------------|-------|



The colors of the closure caps on the double cartridges indicate the mixing tips that belong to the respective product.

### DS 50 Injector 1:1

For applications of dental laboratory silicones from S 50 double cartridges.

Mixing ratio 1:1

|                    |       |
|--------------------|-------|
| DS 50 Injector 1:1 | D5007 |
|--------------------|-------|

### DS 50 Injector 4:1

For the application of C&B materials from S 50 double cartridges.

Mixing ratio 4:1

|                    |       |
|--------------------|-------|
| DS 50 Injector 4:1 | D5008 |
|--------------------|-------|



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**Dreve Dentamid GmbH**  
**Max-Planck-Straße 31**  
**59423 Unna/Germany**

Phone +49 2303 8807-37  
Fax +49 2303 8807-55  
Email [dentamid@dreve.de](mailto:dentamid@dreve.de)  
Internet [dentamid.dreve.de](http://dentamid.dreve.de)

#### **Application technology**

Phone +49 2303 8807-3404

#### **Sales Germany**

Phone +49 2303 8807-40  
Fax +49 2303 8807-55

#### **Sales Export**

Phone +49 2303 8807-37  
Fax +49 2303 8807-55

#### **Design & product photos**

Dreve ProDiMed GmbH  
Advertising department  
Morgenstraße 62c  
59423 Unna/Germany

### **Medical devices**

Our medical devices are registered in many countries.  
Please contact us for further information.







**Dreve Dentamid GmbH**

Max-Planck-Straße 31 • 59423 Unna/Germany  
Telefon +49 2303 8807-37 • Telefax +49 2303 8807-55  
dentamid@dreve.de • dentamid.dreve.de

