



REMOTE DIGITAL  
MENA & TURKEY REGIONS



# PRODUCT CATALOGUE NO.23

FOR DENTAL PRACTICE & LABORATORY



Our 2023 World Hockey Champions wear **Dreve Mouthguard professional 3D**

Photo Catalogue title from the World Cup Final GER-BEL on 1/29/2023 © WorldSportPics/Frank Uijlenbroek



## Innovation aus Tradition

### What does our company slogan actually mean in concrete terms?

You may have asked yourself this at some point if you are one of our many long-standing partners.

It means that we offer orientation in all matters of dental technology. With over 70 years of expertise and our origins as a dental laboratory, we know what we are talking about. Our focus is always on the users in the laboratory and practice. We do not develop products for their own sake, but only if they offer added value. Our extensive knowledge of conventional dental technology is the indispensable and fruitful basis for the development of our digital products.

It means that we want to be taken at our word. The satisfaction of our customers is our claim. That is why our contact does not end with the purchase of one of our products: It starts there. Our experts for dental materials and equipment will support you on your personal way to the laboratory of the future and will be there for you in word and deed.

It means that although we are a traditional company, we are by no means "yesterday's news". Anyone who has been in the dental world for decades, as we have, has a different understanding of reliability, responsibility and communication. These values distinguish us as a family business. And we are convinced that both sides benefit most from a trusting, lasting business relationship.

We would like to take this opportunity to thank you – our customers – for living our motto "Innovation by Tradition" and for looking to the future with optimism despite all the crises.



Yours sincerely

Dr. med. dent. Volker Dreve

## **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. Due to the years of experience we are able to guarantee a minimum durability of 2 years from date of production on most of our materials. Of course, we are at your disposal after the acquisition of a product.

## **Service**

A full range of additional services belongs to our performance. Professionally educated dental technicians are at your disposal on our hotline to answer your questions about our products. 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 rooms assumes an important place in the further education programme of Dreve Dentamid GmbH. Information about current presentations can be required 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.

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## 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		Polymerisation 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 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 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.



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## Let there be light

### Light polymerisation

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.



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## 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.



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## 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.



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# 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 valve border impressions. Combinable with Dynax® light.

2 x 450 ml tubs with dosing spoons	D6101
380 ml cartridge, 5 mixing tips, 1 bayonet-ring	D6150



### 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
380 ml cartridge, 5 mixing tips, 1 bayonet-ring	D6140



### 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
380 ml cartridge, 5 mixing tips, 1 bayonet-ring	D6120



## 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



<b>Dynax® putty</b>	1:30 min.	1:30 min.	60 Shore A	kneadable – type 0	sunny yellow
<b>Dynax® heavy body</b>	1:30 min.	1:30 min.	70 Shore A	high – type 1	sky blue
<b>Dynax® light</b>	1:30 min.	1:30 min.	46 Shore A	low – type 3	emerald green
<b>Dynax® mono</b>	1:30 min.	1:30 min.	58 Shore A	medium – type 2	lavender violet
<b>Dynax® clear</b>	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 has really ended. 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
Crown and bridge impressions						
Double mixing technique	•	•	•	•	•	•
Correction	•	•	•	•	•	•
Sandwich	•	•	•	•	•	•
Monophase	•	•	•	•	•	•
Inlay and onlay impressions						
Double mixing technique	•	•	•	•	•	•
Correction	•	•	•	•	•	•
Sandwich	•	•	•	•	•	•
Monophase	•	•	•	•	•	•
Pick-up impressions e. g. for implants						
Correction	•	•		•		
Monophase	•	•		•		
Functional impressions						
Function				•		
Fixation impressions						
Monophase			•	•		
Relining impressions						
Monophase			•	•		
Pressure spot indicator						
Monophase			•	•		
Impressions for temporaries						
Monophase				•	•	
Situation				•	•	
Situation impressions						
Monophase					•	
Situation					•	
Impressions of the opposite jaw						
Monophase					•	



Situation impression with 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

## 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

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

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

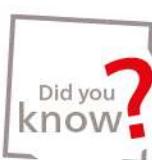
Bite registration material with very good cutting and milling characteristics. Fast, hard, precise. Suitable for all kinds of bite registrations and registration keys for support pins.

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, Dynax® putty  
Dynax® heavy body, Dynax® mono

15 pieces	D4982
50 pieces	D4981



## 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
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## Bayonet-ring

Attachment for the use of 380 ml cartridges.

Bayonet-ring, yellow	D4980
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## 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
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# 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.

	Fixtemp C&B 4:1	
Color	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.	~ 6:00 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
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# FotoDent® biobased model

## Our first green 3D printing resin

Sustainability, climate, environment are as topical 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. This reverses the trend that humanity is increasingly emitting more carbon than carbon dioxide into the atmosphere.



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



# 3D printing FotoDent® resins

## FotoDent® denture

385 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 / 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

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



## NEW! 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 / 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 / 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

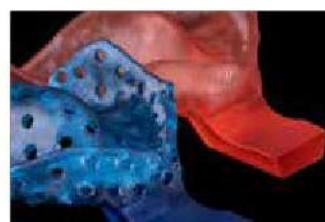
D353001

green transparent, 1.0 kg bottle

D353002

pink transparent, 1.0 kg bottle

D353003



## FotoDent® cast

385 / 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

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



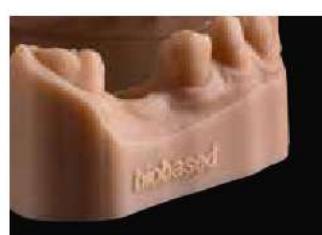
## FotoDent® biobased model

385 nm

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

Especially developed for new generations of printers with 385 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

385/405 nm

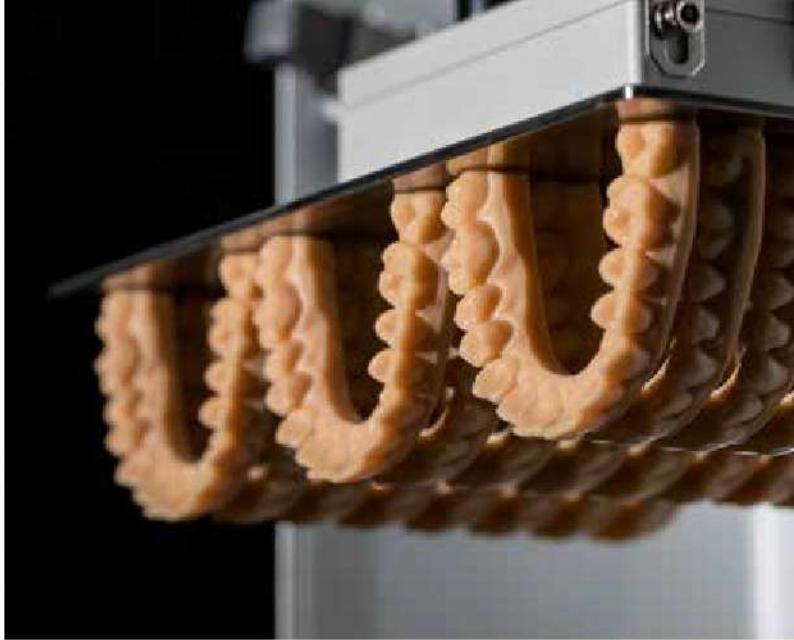
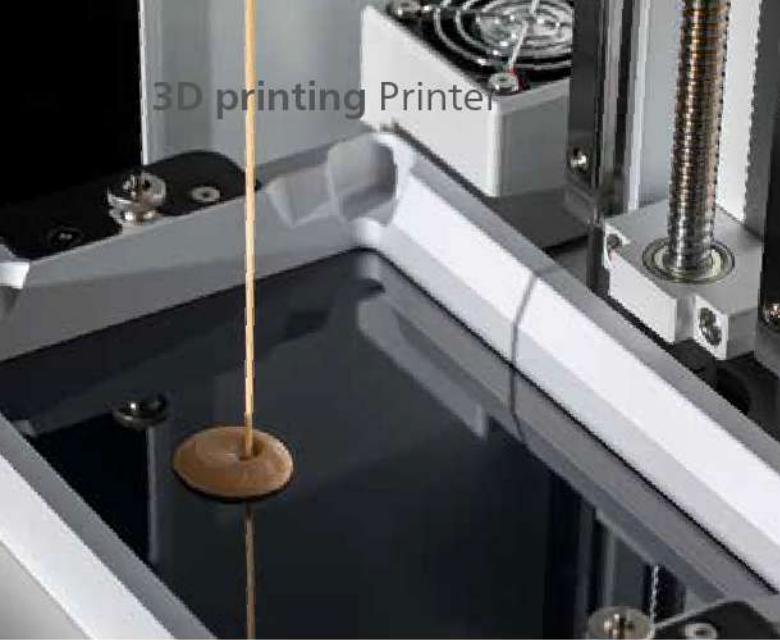
FotoDent® model3 is the latest variant of the dental model range. It is characterized by a short printing time, which results in a higher production capacity. It can be processed on all standard DLP and LCD printing systems. The printed dental model can be easily cleaned with water after production and impresses with its high drawing accuracy.

1.0 kg bottle



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

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



## NEW! Phrozen Sonic XL 4K

Compact LCD desktop printer with 52 $\mu$  print precision thanks to 4K display and high light intensity for fast construction times. The high-quality processed full metal housing, a huge build platform and an easy handling of the vat make the Dreve version of the Sonic XL 4K a user-friendly 3D printer for all dental applications.

Print volume: 200x125x200 mm

Phrozen Sonic XL 4K

D3500

- ⊕ Adjusted slicer and optimized Dreve printing profiles for top results
- ⊕ Large build volume
- ⊕ W-LAN, LAN and USB connection
- ⊕ Touchscreen with intuitive software
- ⊕ Web-based control and monitoring
- ⊕ Low maintenance and professional support



Phrozen Sonic XL 4K	100–240 V / 50–60 Hz, 0.7 A	approx. 18 kg	470 x 330 x 290 mm

## NEW! Building platform

Accessory for Phrozen Sonic XL 4K. Made of high quality stainless steel.

Building platform

D3505



## NEW! FEP blank

For insertion into the resin tray of the Phrozen Sonic XL. 4K.

FEP blank

D3502

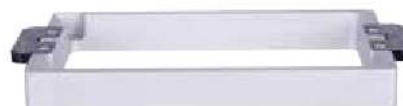


## NEW! Resin vat

Accessory for Phrozen Sonic XL 4K. The use of multiple trays allows a faster change of material.

Resin vat

D3501



## NEW! 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.

Vat storage cabinet

D3526



## NEW! 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



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

# 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

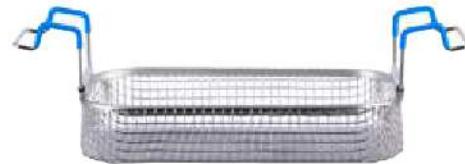


## Insert basket made of stainless steel

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

1 piece

82103



## Stainless steel perforated lid

Suitable for 2 beakers.

1 piece

82101



## 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.

PCU LED N<sub>2</sub>

4317



Inner dimensions  
polymerisation chamber:

H 65 mm  
B 150 mm  
T 150 mm



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

## 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.

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	red
PCU vario	100–240 V / 50–60 Hz, 500 W	approx. 38 kg	240x660x410 mm	red

# 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.



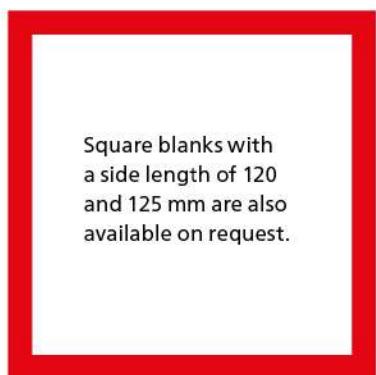
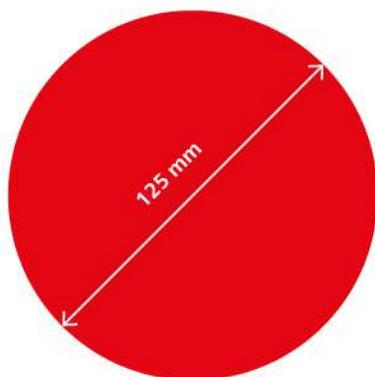
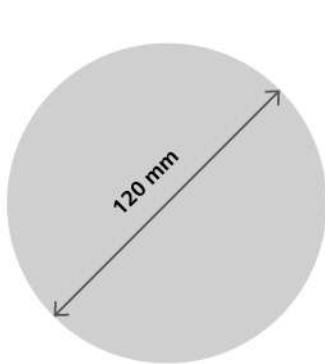
## Thermoforming blanks

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	
	Drufoplast	2 mm			
Base plates	Drufoplast incl. tray handle	3 mm			
Bleaching	BioBleach® hart	0.5 mm			
	BioBleach® soft	1 mm			
	Drufosoft®	1 mm	1.5 mm		
Matrix	Drufolen H	0.6 mm			
	Drufolen W	0.45 mm	0.65 mm	0.8 mm	
Custom-made trays	Drufoplast incl. 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
	Drufosoft® colour	3 mm	4 mm		
	Drufosoft® pro	3 mm			5 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 incl. tray handle	3 mm			
Splint therapy	Biolon	0.75 mm	1 mm	1.5 mm	2 mm
	Drufosoft® pro	3 mm			3 mm
	Kombiplast	2 mm	3 mm	4 mm	

# Thermoforming technique Blanks

## BioBleach® hart

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

thickness 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/medication splints extending the gingival margin.

thickness mm	pieces	item No.
1	20	D4300

Bleaching/Medicament splint made of BioBleach® soft. Drufolen 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.

thickness 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



## Sample selection thermoforming blanks

The complete range of the Dreve thermoforming blank program contains all the information you need about materials, layer thicknesses and accessories. Packed in a handy binder.

Binder

D3272

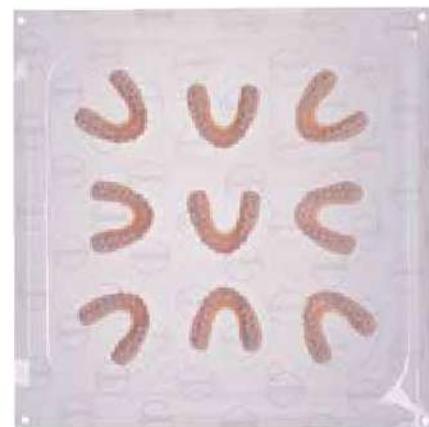


## Thermoforming technique Blanks

### Biolon for Vacfomat V9 2.0

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.

thickness mm	Ø mm	color	pieces	item No.
0.5				D420021
0.625				D420022
0.75	354	clear transparent	50	D420023
1				D420024



9 blanks in one thermoforming process:  
Biolon for Vacfomat V9 2.0

### 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.

thickness 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  
provisorials 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 matrix with undercut areas and space maintainers used for medical splints.

thickness 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	42	blue	40	D423461B
	120	natural	100	D42388N42
1	120	natural	40	D423481N
	120	blue	40	D423481B
1	120	natural	30	D423401N

Bleaching/Medicament splint  
with Drufolen W used as a spacer



### NEW! Clearer, more up-to-date, better

You can find our thermoforming blank overview including heating and cooling times, learning barcodes and other useful info on our website under „Downloads“ as well as in the web store on the pages of the respective blanks.

# 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



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

thickness 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.

thickness mm	pieces	item No.
2	15	D4210Z

Base plate with Drufoplast



## Drufoplast incl. tray handle

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

thickness 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.

thickness 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 previously available mouthguards in terms of protection and comfort.



## 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
- 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

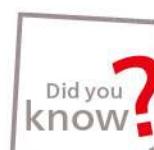
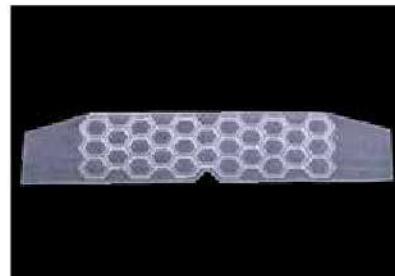
D44600



## 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  
5 pieces, black with imprint

D4444  
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

Insertion 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

## Vacfomat V9 2.0

Vacuum-based thermoforming unit, specially developed for the production of aligner splints. Up to 9 aligners can be thermoformed at the same time in just one operation. Easiest operation as well as constant digital and acoustic control of all work phases ensure problem-free work even with little prior knowledge.

Vacfomat V9 2.0

D3282



- ⊕ Vertical molding
- ⊕ Powerful vacuum pump
- ⊕ Up to 108 aligner blanks / hour

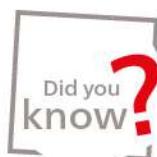


Reliably precise results in industrial quality with the Vacformat V9 2.0



## Magnetic pliers V9 2.0

Gripping pliers for safe removal and integration of the model tray in the Vacformat V9 2.0.



The model tray can be safely removed from the device and reintegrated without direct contact thanks to the magnetic locking of the gripping pliers.



Vacfomat V9 2.0

220–240 V / 50 Hz

2,000 W

-0.8 bar

45 kg

415x488x601 mm

# Thermoforming technique Units



## Druformat 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.



from diameter 120 mm

### Content:

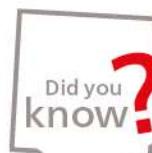
- Base range of blanks
- Drain pot for granules
- Air connection hose (1 m)

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

Aligners, mouthguards, bruxism splints: The thermoforming allrounder Druformat 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



Drufomat scan					
Drufosmart scan	115–240 V / 50–60 Hz	max. 315 W	2–6 bar (19–87 psi)	16 kg	490 x 290 x 290 mm
Drufosmart	115–240 V / 50–60 Hz 115 V / 60 Hz	max. 275 W	2–4 bar (19–58 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 Druformat units as pressure pot for cast flasks. The pressure polymerisation insert is to be placed onto the base plate of the Druformat. The desired pressure can be adjusted individually between 2 and 6 bar.



Pressure polymerisation insert	D3227
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## 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.



Finishing works with the workout set thermoforming technique

Workout set	D3273
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# Thermoforming technique Accessories

## Fillin

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

60 g strip, nature

D42541



Accurate work with Fillin

## 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 tooothing

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

35 g tube

D3350



## MaxiFresh™

Cleaning tablet for the outer cleaning of dental splints. Used daily it guarantees perfect hygiene and reduction of decoloration. Does not contain any abrasives and thus extends considerably the life span of splints and sports mouthguards.

24 tablets with bowl

D4100

24 tablets refill set

D4101



## 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 attach great importance to 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.

### What to expect

A maximum of 8 participants per course are scheduled. 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.

### 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

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

- Basic training
- Bite splints
- Dreve Mouthguard



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





## 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 doublings 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 Drufomat 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

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

# Resin pouring technique Denture pouring system

**Tip  
from the  
pro**

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



## 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



## Polymerise

- Cure in Polymax for 25 minutes at 45 °C
- Fill the water level up to the edge of the flask
- The resin-filled funnels should not be submerged



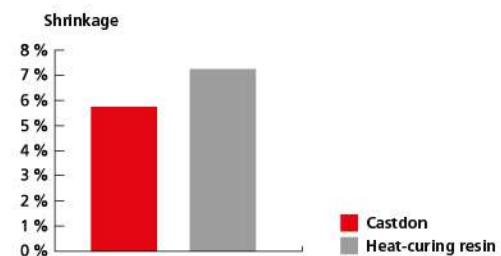
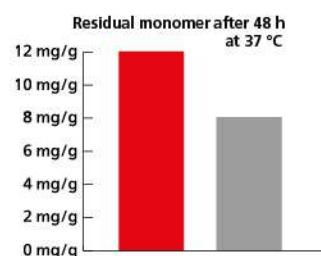
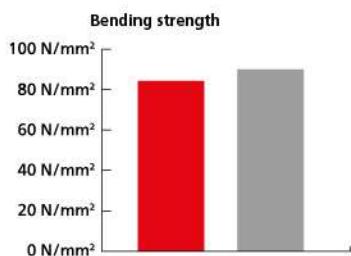
## Remove

- 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!



■ Castdon  
■ Heat-curing resin

# 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 appropriate 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

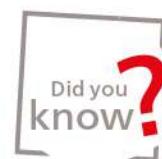


### Castdon Starter Kit

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	transparent	D3879
	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
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## 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
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## Canal piercing instrument

For piercing cast canals in the dorsal area.

Canal piercing instrument, Ø 8 mm	D3872
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## 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
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## 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 polymerisation units

## Polymax series

Pressure polymerisation 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

- ⊕ 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 polymerisation 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

		⚡	➡	👤	กระเป๋า	↔
Polymax 1 (95 °C)		450 W	3–5.2 bar (adjustable)	10 kg	230x290x300 mm	
Polymax 1 (120 °C)	230 V / 50–60 Hz 115 V / 50–60 Hz	450 W	3–4.2 bar (adjustable)	10 kg	230x290x300 mm	
Polymax 3		900 W	3–5.2 bar (adjustable)	13.5 kg	450x290x330 mm	
Polymax 5		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 handspraygun 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.

Labormat TH	3.2 kW at 230 V / 50 Hz	65–95 °C	15 l	38 kg	440x580x360 mm
Labormat SD	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 (HxWx D) 435x590x370 mm.

Base

D3607



# Let there be light

## Equipment and materials for light polymerisation

Light-curing materials are among the most common 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.

### 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. Polymerisation in the EyeVolution®.

20 ml bottle

D38124

50 ml bottle

D38123



### NanoVarnish

Transparent, light-curing one-component laquer. 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 polymerisation units with the spectral area 350–500 nm, like e.g. EyeVolution®.

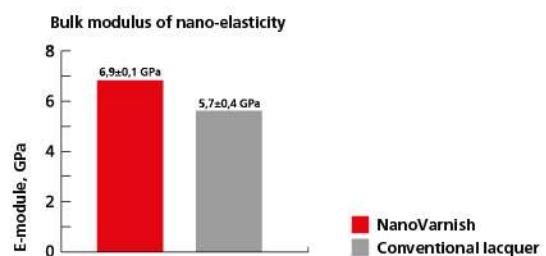
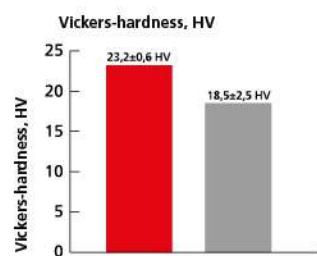
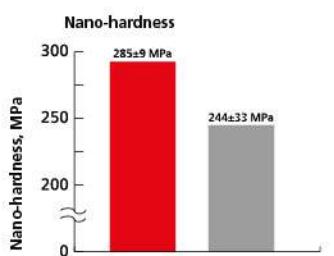
20 ml bottle incl. 10 MicroBrushes

D38900

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



### NanoVarnish vs. conventional lacquers



# Light polymerisation 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. Polymerises in each standard laboratory light unit with a spectral range of 300–500 nm, e. g. EyeEvolution®.

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

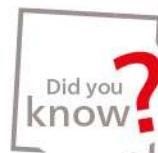
Pre-formed, light curing upper jaw (UJ) resin base plates for the production of custom-made impression trays, bite patterns and resin bases for the tooth set-up for complete dentures. Polymerisation in all standard laboratory units with a spectral range of 300–500 nm, e.g. EyeEvolution®.

50 pieces, pink

D38135R

50 pieces, nature

D38135N



Lightplast Base Plates  
Our 3D alternative: FotoDent® tray 2.



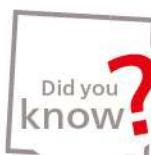
Individual trays, the classical application for Lightplast Base Plates



# Light polymerisation Units

## EyeEvolution® series

The EyeEvolution® 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 polymerisation 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 EyeEvolution® series are placed according to the fields of application of these units.

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

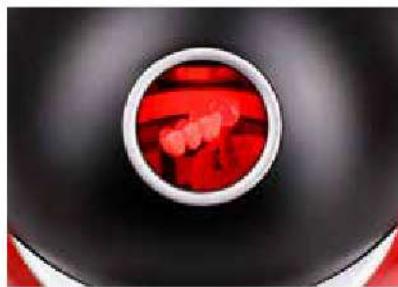
## EyeEvolution® MAX

Light polymerisation 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 polymerisation time, e.g. thicknesses of up to 2 mm in three minutes.

EyeEvolution® MAX

D38101

⌚  
1 / 2 / 3 / 5 / 10 min.



The reflective rotary table avoids formation of shades during polymerisation

# Light polymerisation Units

## EyeEvolution®

Light polymerisation 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.

EyeEvolution®

D38100

⌚  
1 / 2 / 3 / 5 / 10 min.



Positioning of the light source according to application

## MultiSpot®

Polymerisation handset 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.

Content:

- 1 battery charger
- 1 visor ring

MultiSpot®

D38110

⌚  
0:33 min.



"Third hand" in dental labs: MultiSpot®



	⚡	➡	▲	⬇	
EyeEvolution® 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
EyeEvolution®	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

## Dublisl®

Addition-curing vinyl polysiloxanes for all application fields in dental duplication technique, with final hardness 15/20/22/30 Shore A. Dublisl® 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**

### Dublisl® 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



### Dublisl® 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



### Dublisl® 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



**Tip**  
from the  
**pro**

**Dublisil® speed versions**  
Are particularly suitable for the processing in the Dosper evo.  
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



Very precise results with exact reproduction of details: Laborsil pro

### 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



						
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 speed with color indicator

Versatile matrix material with color indicator. The color gradient from blue to white provides a visual control of the setting process.

2 x 50 ml double cartridges with 12 mixing tips D38398

8 x 50 ml double cartridges D38399



### 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



Production of a matrix with Laborsil speed

### 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 speed with color indicator	–	0:30 min.	2:00 min.	75 Shore A	blue to white	medium – type 2
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® 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



## 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



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
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#### 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!

**Tip**  
from the  
**pro**



Dosper evo	230 V / 115 V	250 W	12 kg	320x225x370 mm
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# 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 Dublisil® 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) Dublisil® containers above the Dosper.

small, 371x295x214 mm (HxWxD) D49364

big, 665x533x322 mm (HxWxD) 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

### Dublisl® 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.

Dublisl flask, incl. foam spacer

D3805



Economic duplications thanks to Dublisl® flask

### Foam spacer

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

25 pieces

D38076

Foam spacer



# 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

Regofix  
Laborsil clear  
Laborsil speed  
MegaBase®  
Odontosil

1:1



Mixing ratio  
Inner-Ø  
Color

1:1  
5.4 mm  
transparent

Dosper M4

40 pieces

D4960

100 pieces

D49601



Mixing ratio  
Inner-Ø  
Color

1:1  
3.2 mm  
light blue

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



## 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



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

### Refill packs for Modralit® 3K Sets

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



### Separator

Agent for the separation of non-compatible materials like Modralit® 3K from polyether impressions, A-silicones from C-silicones and identic 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 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, economic 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 D38230T1		◀ compatible with ▶ round; Ø 8.5 mm D38230S1 
	pointed; Ø 5 mm D4458		◀ compatible with ▶ pointed; Ø 6.5 mm D4461 
2	round; Ø 10 mm D38230T2		◀ compatible with ▶ round; Ø 11.5 mm D38230S2 
	pointed; Ø 7 mm D4459		◀ compatible with ▶ pointed; Ø 8.5 mm D4462 
3	round; Ø 13 mm D38230T3		◀ compatible with ▶ round; Ø 14.5 mm D38230S3 

# More products and accessories

## Mixing tips

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

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



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

Dosper evo  
StoneBite®  
StoneBite® scan  
Silfix

40 pieces	D4970X1
100 pieces	D49701X1

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

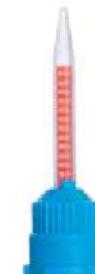
40 pieces	D4970X6
100 pieces	D49701X6



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  
Dynax® heavy body  
Dynax® mono  
Dynax® putty

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.

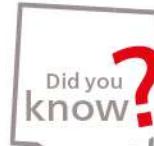
Inner-Ø

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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