



Dreve Dentamid Catalogue 16

Innovative Products for Dental Practices and Laboratories.

Core competencies of Dreve Dentamid

- **Silicone products**
- **Light-polymerisation**
- **Thermo-forming technique**
- **Resin pouring technique**
- **Construction of units**

Innovation by tradition

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Catalogue 16

By means of this product catalogue for the dental practice and laboratory we provide a short overlook about our range of services. We hope you enjoy reading our complete catalogue!

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. Our technical department offers a repair service within two days in case that one of our units should fail. In case the repair needs more time – for any reason – we provide you with a corresponding substitute at your disposal.

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 day and night on our website www.dreve.com.

Quality

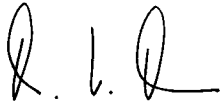
The quality standard of Dreve products, of course, follows the current level of science. This is also documented by the certification according to DIN EN ISO 9001, DIN EN ISO 13485, CAN/CSA-ISO 13485: Medical Device Directive and the Japanese PAL standard. Our medical products furthermore fulfil all statutory requirements for medical products in accordance with the guideline for medical devices 93/42/EWG Annex I. Security for patients, dental technicians and dentists by use of biocompatible products is Dreve's main focus.

Innovation by Tradition

In 1949 my parents, Inge and Wolfgang Dreve, founded a dental laboratory in the city of Unna from which our family-run, medium-sized industrial company developed during the past 60 years. Today we employ 220 members of staff at three locations and supply into 100 countries. Our core activity is the production of silicones, light-curing resins and laboratory units. In addition to our decades of experience, a high education standard of all staffs, thorough processing and high-quality raw materials guarantee a first class quality standard. Following the thought of systems, we have adapted all units, materials and accessories optimally to each other. Our laboratories are consequently developing further regarding new research approaches.

We thank you for your confidence and are looking forward to demonstrating you our innovative products with this catalogue!

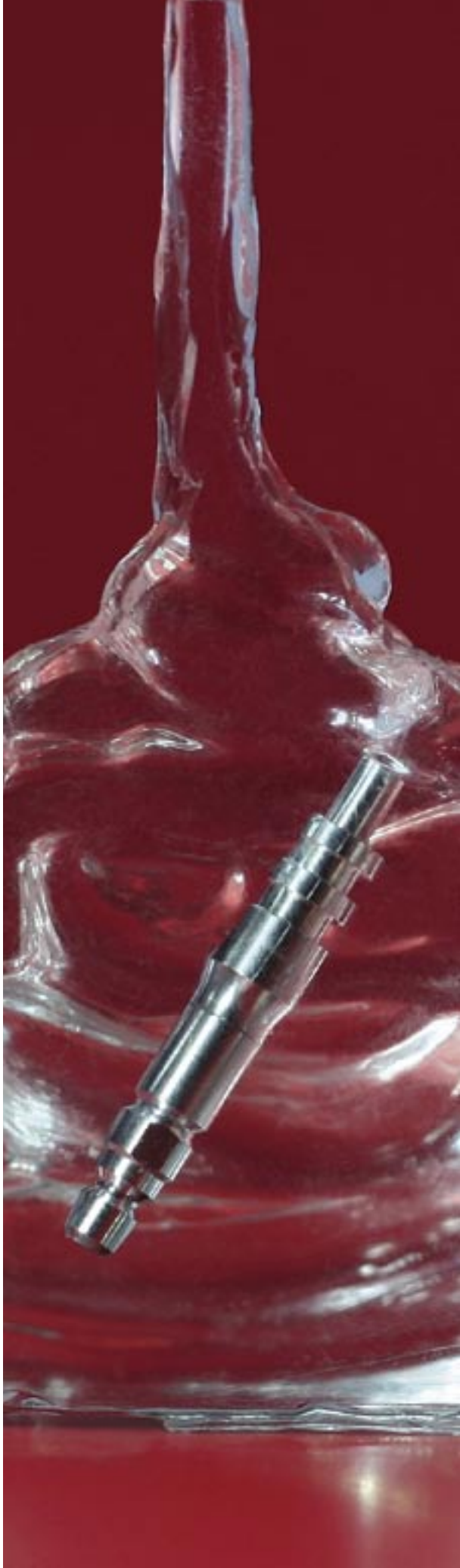
Yours sincerely,



Dr. Volker Dreve



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Impression-taking and Temporary Care

Our company philosophy "Innovation by tradition" can be seen clearly in regards to our silicone materials. Therefore we have contributed substantially to the spreading of the silicone duplication technology in Europe. Today we offer you next to the classical laboratory silicones, a comprehensive, innovative range for the dental practice such as e. g. transparent impression silicones and scannable bite registrations.

With this successful background and a high production volume we offer product security for the dentists' daily work. It goes without saying that our quality standards are always kept to the most reasoned stand of science.

The focus of Dreve products is security for patients and dentists by biocompatible products.

Fresh® clear

Final hardness 60 Shore A

Additional data

Colour	transparent
Consistency	medium-type 2
Processing time	90 sec.
Removal after	2:00 min.
Recovery from deformation	> 99.5 %
Strain in compression	< 4.0 %
Linear dimensional change	< 0.4 %



Fresh® clear

A real innovation world-wide: Clear, transparent, addition-vulcanising, monophase impression silicone. Ensures a perfect control already during the impression-taking. Universally applicable and particularly suitable for the implant impression-taking.

- visual control of the impression-taking process
- tasteless
- combinable with the opaque correction silicone Fresh® light
- excellent flowing characteristics
- hydrophilic

D-5121 Fresh® clear
2 x 50 ml double cartridges incl. 6 mixing tips, green

D-5122 Fresh® clear
8 x 50 ml double cartridges



Fresh® putty

Final hardness 60 Shore A

Additional data

Colour	green
Consistency	kneadable-type 0
Processing time	90 sec.
Removal after	3 min.
Recovery from deformation	99.2 %
Strain in compression	3.6 %
Linear dimensional change	< 0.1 %



Fresh® putty

Proven and very popular addition-vulcanising impression silicone.

- non-sticky, easily kneadable consistency
- suitable for sandwich-, correction-, double mixing technique and valve border impressions
- especially suitable for patients with remaining teeth suffering from periodontitis
- convenient mint taste

D-5100 Fresh® putty
2 x 250 ml tubs, incl. dosing spoons

D-5101 Fresh® putty
2 x 450 ml tubs, incl. dosing spoons

D-5150 Fresh® putty
380 ml cartridge

Impression Silicones

Fresh® heavy body

Addition-vulcanising "tray type" silicone. A particularity in our range of products and a real alternative to polyether-impressions.

- pre-impression material available in cartridges
- suitable for sandwich, correction and double mixing technique
- stable thixotropic characteristics
- pressure-developing consistency
- can be combined with Fresh® light
- convenient mint taste

D-5112 Fresh® heavy body
2 x 50 ml double cartridges incl. 6 mixing tips, green

D-5113 Fresh® heavy body
8 x 50 ml double cartridges

D-5140 Fresh® heavy body
380 ml cartridge

Fresh® light

Addition-vulcanising, thin flowing correction silicone with outstanding detail precision and perfect thixotropy for the correction technique.

- easy flowing correction material (light body)
- thixotropic characteristics
- hydrophilic surface
- snap effect
- can be combined with Fresh® putty

D-5102 Fresh® light
2 x 150 ml tubes

D-5103 Fresh® light
2 x 50 ml double cartridges incl. 12 mixing tips, yellow

D-5104 Fresh® light
8 x 50 ml double cartridges

Fresh® heavy body

Processing time	90 sec.
Removal after	2 min.

Additional data

Colour	green
Final hardness	70 Shore A
Consistency	high-type 1
Recovery from deformation	99.0 %
Strain in compression	5.6 %
Linear dimensional change	< 0.15 %



Fresh® light

Processing time	90 sec.
Removal after	2 min.

Additional data

Colour	blue
Final hardness	42 Shore A
Consistency	low-type 3
Strain in compression	3.4 %
Recovery from deformation	99.9 %
Linear dimensional change	< 0.1 %



Fresh® mono

Colour	violet
Final hardness	55 Shore A
Processing time	120 sec.
Removal after	3 min.
Consistency	medium-type 2
Strain in compression	6.7 %
Recovery from deformation	99.9 %
Linear dimensional change	< 0.1 %



Fresh® mono

Addition-vulcanising precision impression silicone. A perfect impression-taking with only one material.

- stable/thixotropic characteristics
- for the monophasic method
- can be combined with Fresh® light
- convenient mint taste

- D-5105 Fresh® mono
2 x 150 ml tubes
- D-5106 Fresh® mono
2 x 50 ml double cartridges incl. 6 mixing tips, green
- D-5107 Fresh® mono
8 x 50 ml double cartridges
- D-5120 Fresh® mono
380 ml cartridge

Impression Silicones

Zerosil® soft

A very popular addition-vulcanising impression silicone, high-quality, but economical alternative to alginate, especially for situation impressions.

- endlessly storable impressions
- disinfectable
- compatible with all sorts of plaster
- can be filled several times

D-48411 Zerosil® soft
2 x 500 ml tubes

D-4841 Zerosil® soft
2 x 875 ml tubes

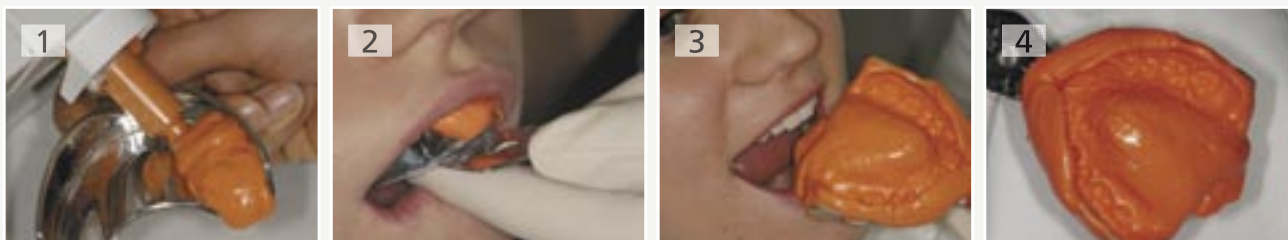
D-5119 Zerosil® soft
380 ml cartridge

Zerosil® soft

Colour	orange
Final hardness	35 Shore A
Processing time	120 sec.
Removal after	2 min. at 37 °C
Consistency	medium-type 2
Strain in compression	10.5
Recovery from deformation	> 99.5 %
Linear dimensional change	< 0.2 %



Example of use Zerosil® soft



Fresh® adhäsiv

For the adhesion between impression tray and silicone impression material, high adhesion and still easy cleaning of the tray.

D-5114 Fresh® adhäsiv
20 ml bottle with brush insert for prefabricated metal- or plastic trays

D-5124 Fresh® adhäsiv plus
20 ml bottle with brush insert for individual trays





Fixtemp x-ray

Automatically mixable, x-ray opaque autopolymer in a mixing ratio of 4:1 for the production of CT planning templates for implantology as well as CT duplicate dentures in the Castdon pouring process. The safety-cartridge system ensures a fast and problem-free processing.

D-50390 Fixtemp x-ray
50 ml double cartridges with 10 mixing tips, light blue

Survey of impression materials – Which product for which technique?

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

Impression Silicones

StoneBite®

Addition-vulcanising silicone on an elastomer basis for bite registration with an extremely high final hardness of 51 Shore D, which presents an absolutely precise and reliable working base to the user.

Application

- bite registrations
- registration key for bearing device registration

D-504872 StoneBite®
2 x 50 ml double cartridges, incl. 12 mixing tips, pink and 12 intra-oral tips

D-504873 StoneBite®
4 x 50 ml double cartridges

Regofix opaque

Our classical bite registration material, fast, hard and precise.

- final hardness 90 Shore A
- very good cutting and milling characteristics
- colour: blue

Application

- each kind of bite registration
- registration key for bearing device registration

D-504874 Regofix opaque
2 x 50 ml double cartridges incl. 12 mixing tips, green

D-504875 Regofix opaque
8 x 50 ml double cartridges

Regofix transparent

A highlight: transparent bite registration material, practically free of filler materials and nevertheless high final hardness and spontaneous recovery from deformation.

- final hardness 70 Shore A
- easy to cut
- not opaque to x-rays
- colour: transparent

Application

- ideal for controlled bite registration in difficult cases
- matrix material for light-curing composites of anterior and lateral teeth
- for fast and uncomplicated manufacturing of x-ray splints

D-504876 Regofix transparent
2 x 50 ml double cartridges incl. 12 mixing tips, green

D-504877 Regofix transparent
8 x 50 ml double cartridges

StoneBite®

Colour	orange
Final hardness	51 Shore D
Processing time	30 sec.
Removal after (inkl. Processing time)	80 sec.
Consistency	medium-type 2
Strain in compression	< 2 %
Recovery from deformation	99.9 %
Linear dimensional change	< 0.1 %



Regofix opaque

Colour	blue
Final hardness	90 Shore A
Processing time	30 sec. at 23 °C
Removal after	90 sec. at 37 °C
Consistency	high-type 1
Recovery from deformation	> 99.9 %
Strain in compression	2.0 %
Linear dimensional change	< 0.02 %



Regofix transparent

Colour	transparent
Final hardness	70 Shore A
Processing time	40 sec. at 23 °C
Removal after	120 sec. at 37 °C
Consistency	medium-type 2
Recovery from deformation	> 99.9 %
Strain in compression	2.5 %
Linear dimensional change	< 0.02 %
Remaining strain in compression	< 0.01 %



Fixtemp C&B

Colours	A1, A2, A3, A3.5, B1, BleachX
Mixing ratio	1:4
Content	50 ml
Compressive strength	220 MPa
Bending strength	98 MPa
	(according to DIN 4049)
Tensile strength	36 MPa
Water absorption	10 µg/mm ³

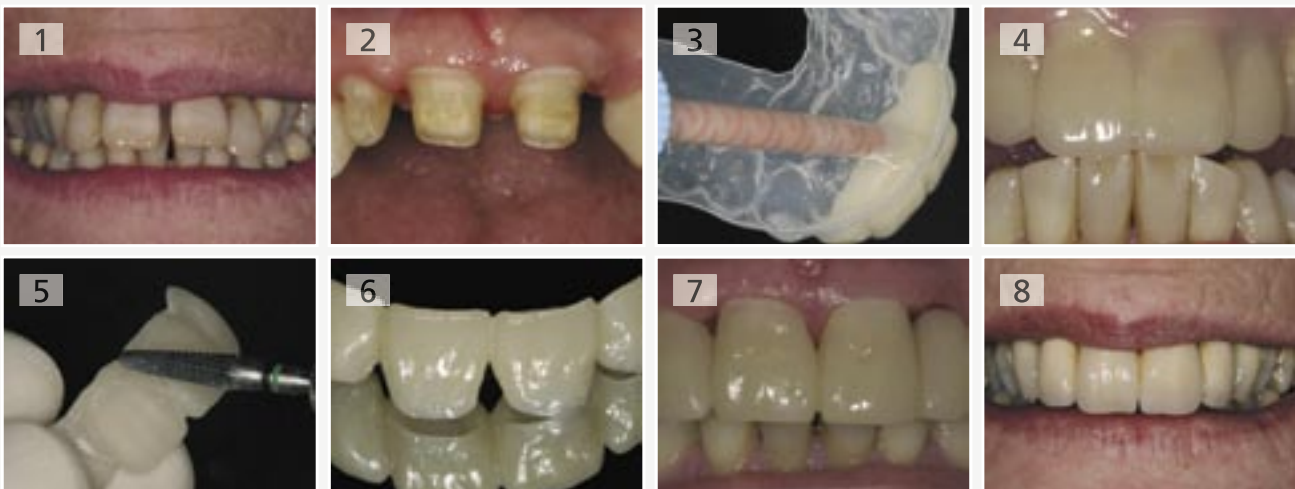


Fixtemp C&B

Automatically mixable composite in a ratio of 4:1, for manufacturing of temporary crowns, bridges, inlays and onlays of outstanding quality. The breaking strength is unbelievably high, despite a temperature development which is not damaging the dental pulp during the intra-oral setting. The safety-cartridge system ensures a fast and easy application.

- D-50391 Fixtemp C&B Colour: A1
50 ml double cartridge incl. 10 mixing tips, light blue
- D-50392 Fixtemp C&B Colour: A2
50 ml double cartridge incl. 10 mixing tips, light blue
- D-503925 Fixtemp C&B Colour: A2
5 x 50 ml double cartridges incl. 50 mixing tips, light blue
- D-50393 Fixtemp C&B Colour: A3
50 ml double cartridge incl. 10 mixing tips, light blue
- D-503935 Fixtemp C&B Colour: A3
5 x 50 ml double cartridges incl. 50 mixing tips, light blue
- D-50394 Fixtemp C&B Colour: A3,5
50 ml double cartridge incl. 10 mixing tips, light blue
- D-50395 Fixtemp C&B Colour: B1
50 ml double cartridge incl. 10 mixing tips, light blue
- D-50396 Fixtemp C&B Colour: Bleach X
50 ml double cartridge incl. 10 mixing tips, light blue

Example of use Fixtemp C&B



Temporary C&B Materials

Fixtemp cement

Eugenol-free fixing cement containing zinc oxide for temporary dentures, ideally combinable with Fixtemp C&B. The double chamber syringe enables a direct application and guarantees a fast and hygienic operating without problems.

D-503931 Fixtemp cement
8 g double chamber syringe incl. 5 mixing tips, brown

Fixtemp Repair

Light-curing, flowable repair-material in 5 different colours for temporary C&B resins.

Indications

- repairing of temporary crowns and bridges on a basis of composite (e. g. filling of air bubbles)
- form corrections of temporaries made of Fixtemp (approximal, incisal)
- individual characterisation and colour corrections
- modelling of temporaries

D-50391R Fixtemp Repair Set

Content

- Fixtemp Flow, 2 g syringe, Colour: A1
- 5 application tips
- Seal & Repair, 5 ml bottle with brush insert

D-50392R Fixtemp Repair Set

Content

- Fixtemp Flow, 2 g syringe, Colour: A2
- 5 application tips
- Seal & Repair, 5 ml bottle with brush insert

D-50393R Fixtemp Repair Set

Content

- Fixtemp Flow, 2 g syringe, Colour: A3
- 5 application tips
- Seal & Repair, 5 ml bottle with brush insert

D-50394R Fixtemp Repair Set

Content

- Fixtemp Flow, 2 g syringe, Colour: A3,5
- 5 application tips
- Seal & Repair, 5 ml bottle with brush insert

D-50395R Fixtemp Repair Set

Content

- Fixtemp Flow, 2 g syringe, Colour: B1
- 5 application tips
- Seal & Repair, 5 ml bottle with brush insert

Fixtemp cement

Mixing ratio	1:1
Content	5 ml

Processing properties

Processing time	> 1:00 min. at 23 °C
Curing time in the mouth	approx. 3:00-5:00 min.
Removal of surplus after setting	approx. 5:00-6:00 min.

Physical properties

Compressive strength	approx. 4-5 Mpa
Film thickness	< 20 µm



Fixtemp Flow

Physical properties

Compressive strength	350 MPa
Bending strength	105 MPa
	(according to DIN 4049)
E-Module	6500 MPa
Diam. tensile strength	45 Mpa
Radio opacity	210 % Al
Filler content	65 weight per cent



Fixtemp Seal & Repair

Content	5 ml
Colour	transparent
Polymerisation	light with a spectral area of 350-500 nm

Not suitable in combination with LED polymerisation units!

Shelf life	2 years from date of production, if properly stored < 25 °C
Vickers-Hardness	approx. 98 N/mm ² (after polymerisation)



Fixtemp Seal & Repair

Light-curing one-component gloss lacquer for temporary C&B resins. Fixtemp Seal & Repair is suitable for repairing and sealing of surfaces.

- bonding characteristics for safe connection to light-curing repair materials
- homogenous and high-gloss composite surfaces
- simple handling
- abrasion-resistant

D-5039 Fixtemp Seal & Repair
5 ml bottle with brush insert

Fixtemp Fill

Physical properties	
Cure depth	> 5 mm
Final hardness	55 Shore D
Diam. tensile strength	19 MPa



Fixtemp Fill

Light-curing temporary filling material for inlay and onlay technique.

- does not stick to the spatula
- flexible
- good sealing on the edges
- removable in one piece

D-50397 Fixtemp Fill
3 x 2.5 g syringes



CAD/CAM Materials

Manufacturing processes on the basis of CAD/CAM technologies become more and more important in the dental sector. Due to our long-time experience in regards to silicone and resin production we are able to offer you convincing materials in the user environment of these manufacturing processes.

So e. g. our scannable bite registration material on the basis of A-silicones with patented filler material technology or our high-contrast spray for intra-oral optic scans have become extremely successful.

Security for patients, dental technicians and dentists by use of biocompatible products is Dreve's main focus.



BlueSpray

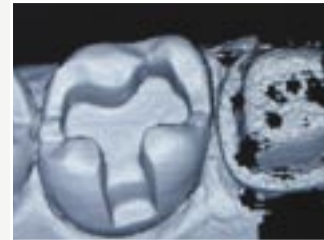
The ideal appliance for optical scans (intra-oral or of the model).

- spray rich in contrast
- good visibility due to blue colour
- excellent scanning
- easy to remove (washable)
- particularly long application nozzle

D-5135

BlueSpray

50 ml spray can



Blue Spray+

Novel contrast spray with new formula for optic scans (intra-oral or of the model).

- combines the advantages of powder and spray
- simple exchange of nozzle thanks to bayonet lock
- washable, as it is water-soluble
- good visibility due to blue colour

D-5136

Blue Spray+

50 ml spray can
incl. 2 application nozzles

StoneBite® scan+

Colour	white
Final hardness	32 Shore D
Processing time	30 sec. at 23 °C
Removal after	
(incl. Processing time)	80 sec. at 37 °C
Consistency	Type 2
Strain in compression	< 2 %
Recovery from deformation	99.9 %
Linear dimensional change	< 0.2 %



StoneBite® scan+

Scannable bite registration material on the basis of A-silicone, possessing a high final hardness. The advancement of the proven StoneBite® scan material for the application in the CAD/CAM technology with the optimal adjustment to Cerec AC with Bluecam technology.

- optimal scannability and readability
- due to the extended processing time (50 sec.) also more extensive preparation fields can be scanned safely.
- stable, thixotropic characteristics
- extremely low Speckle noise (scan precision is increased)
- removal after an extremely short period inside the mouth (80 sec.)
- very good cutting and milling characteristics

D-504871

StoneBite® scan+

2 x 50 ml double cartridges
incl. 12 mixing tips, pink
and 12 intra-oral tips

CAD/CAM Technology

StoneBite® scan

Scannable bite registration material on the basis of A-silicone, possessing a high final hardness. Due to special material additions appropriate for usage in CAD/CAM technology.

- stable, thixotropic characteristics
- removal after an extremely short period inside the mouth (80 sec.)
- very good cutting and milling characteristics
- excellently scannable

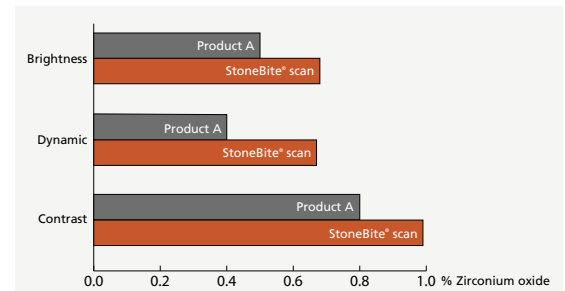
D-504870 StoneBite® scan 2 x 50 ml double cartridges incl. 12 mixing tips, pink and 12 intra-oral tips

Excellent scannability

In all important points regarding scanning with Cerec 3 units, StoneBite® scan convinces thanks to its excellent characteristics. This stands for an up to now not attained safety in processing.

StoneBite® scan

Colour	grey
Final hardness	32 Shore D
Processing time	30 sec. at 23 °C
Removal after (incl. Processing time)	80 sec. at 37 °C
Consistency	Type 2
Strain in compression	< 2 %
Recovery from deformation	99.9 %
Linear dimensional change	< 0.2 %



Comparison of scannability of different scannable bite registration materials; measurements against zirconium oxide standards.

Fresh® model scan

Addition-vulcanising impression silicone as extra-oral model material for optic scanning.

- high Shore hardness
- excellent scanning
- easy and quick processing

D-5134 Fresh® model scan 2 x 50 ml double cartridges incl. 6 mixing tips, yellow

Fresh® model scan

Colour	grey
Final hardness	85 Shore A
Processing time	40 sec.
Setting time	2 min.
Consistency	Type 3
Recovery from deformation	> 99.9 %
Strain in compression	2 %
Linear dimensional change	< 0.1 %
Detail reproduction	< 20 µm



Fresh® green fit

Colour	neon green
Final hardness	50 Shore A
Processing time	30 sec. at 23 °C
Removal after	1.5 min. at 37 °C
Consistency	Type 3
Recovery from deformation	> 99.6 %
Strain in compression	6.7 %
Linear dimensional change	< 0.2 %
Film thickness	< 10 µm
Tear resistance	> 5 MPa



Fresh® green fit

Addition-vulcanising silicone for disclosing areas of poor fit, especially for CAD/CAM restorations.

- high tear-resistance
- thin film layer
- easy and quick processing

D-5125 Fresh® green fit
5 ml double syringe incl. 5 mixing tips, brown

Example of use Fresh® green fit



Fresh® scan

Colour	orange
Final hardness	61 Shore A
Processing time	3 min. at 23 °C
Removal after	4.5 min. at 37 °C
Setting time	6 min.
Consistency	Type 2
Recovery from deformation	> 99.9 %
Strain in compression	4.2 %
Linear dimensional change	< 0.1 %
Detail reproduction	< 20 µm



Fresh® scan

Scannable monophase-impression material on the basis of A-silicone for the CAD/CAM technique.

- mono-consistency for monophase impression-taking
- stable-thixotropic characteristics
- surface with hydrophilic characteristics
- convenient mint taste

D-5110 Fresh® scan
2 x 50 ml double cartridges incl. 6 mixing tips, green

D-5111 Fresh® scan
8 x 50 ml double cartridges



Thermo-forming Technique

The thermo-forming technique which we have introduced worldwide years ago, is still up-to-date. For the first time it is now possible with our thermo-forming units to scan the data of the thermo-forming blanks and to program the unit accordingly. This trend-setting idea supports the active quality control in your laboratory, according to our motto: "Innovation by tradition!".

By the way, since 1993 we are official supplier of the German Hockey Federation equipping the teams with laminated Signature Mouthguards. During this time Germany became world and Olympic champion several times.

For you this is an excellent possibility to discuss the topic Sports Mouthguards with your customers and to refer to these opinion leaders. Please find further information on www.dreve.com, a particularly set up Sport Mouthguard forum on the Internet.



Drufoformat scan

High-quality thermo-forming unit based on the well known Drufoformat technique and combined with the latest material recognition software as well as outstanding design.

Highlights

- HighEnd system which can be run very easily
- Integrated bar code scanner identifies foil codes
- Red LED spots flash during the heating process
- High operating pressure of 6 bar for all professional applications
- Design colours: red, silver, special colours on request

Additional safety features

- 2-hand-protection when driving down the piston
- When the heater is switched on red LEDs indicate the danger

Technical data

Power supply	100-240 V/50-60 Hz
Power consumption	max. 315 W
Dimensions	H = 460, W = 290, D = 290 mm
Weight	16 kg
Pressure	variably adjustable from 2-6 bar (19-87 psi)
Usable blanks	Ø 120 mm and □ 120 x 120 mm

D-3300	Drufoformat scan, red	100-240 V/50-60 Hz
D-3300-1	Drufoformat scan, silver	100-240 V/50-60 Hz
D-3300-2	Drufoformat scan, special colours*	100-240 V/50-60 Hz

*special colours as shown in a RAL-colour chart

Inclusive

- base range of blanks
- bowl for granules
- air connection hose

Optionally available

- pressure insert for use of Drufoformat as pneumatic press (item-no. D-3211)
- pressure polymerisation insert for use of Drufoformat as pressure pot (item-no. D-3227)
- K7 insert for the production of thermo-formed resin caps (item-no. D-3228)
- Funky tool is an additional appliance for the individual colour-design of Drufoformat® blanks (item-no. D-3229)
- For Drufoformat units 2 packages of granules are needed (item-no. D-4282)

Thermo-forming Technique

Drufosmart scan

Pressure forming unit for all thermo-forming applications. Simplest handling due to automatic material recognition and indication of all material parameters on a large display. Very good results due to a variably adjustable operating pressure of 2-4 bar and vertical blank adaptation.

Advantages

- Suitable for all blanks with material thicknesses between 0.1 mm and 5 mm
- Integrated bar code scanner identifies blank codes
- Simple operation due to self-explaining operator keyboard and extensive display information
- Overheating protection because of an automatic switch-off of the heater after end of heating time
- Digital and acoustic control of heating and cooling phase
- Secure application due to 2-hand-protection
- Variably adjustable operating pressure of 2-4 bar
- Modern design of the housing, available in red and silver

Technical data

Power supply	100-240 V/50-60 Hz
Power consumption	max. 275 W
Dimensions	H = 415, W = 290, D = 290 mm
Weight	14 kg
Pressure	variably adjustable from 2-4 bar (19-58 psi)
Usable blanks	Ø 120 mm and □ 120 x 120 mm

D-3400	Drufosmart scan, red	100-240 V/50/60 Hz
D-34001	Drufosmart scan, silver	100-240 V/50/60 Hz

Inclusive

- base range of blanks
- air connection hose

Optionally available

- K7 insert for the production of thermo-formed resin caps (item-no. D-3228)
- Funky tool is an additional appliance for the individual colour-design of Drufosoft® blanks (item-no. D-3229)
- For the Drufosmart scan 1 package of granules is needed (item-no. D-4282)





Drufosmart

Basic pressure thermo-forming unit as alternative to vacuum thermo-forming devices. Very good results due to a max. operating pressure of 2.5 bar and vertical blank adaptation.

Advantages

- Suitable for all blanks with material thicknesses between 0.1 mm and 5 mm
- Semi-automatic operation due to easy time-setting.
- Overheating protection by automatic switch-off of the heater after end of heating time
- Digital and acoustic control of heating and cooling phase
- Secure application due to 2-hand-protection
- With an operating pressure of 2.5 bar the Drufosmart offers a precise pressure, 3 times higher than that of vacuum thermoforming units
- Modern design of the housing, available in red and silver

Technical data

Power consumption	max. 275 W
Dimensions	H = 415, W = 290, D = 290 mm
Weight	14 kg
Pressure	2.5 bar (36 psi)
Usable blanks	Ø 120 mm and □ 120 x 120 mm

D-3200	Drufosmart, red	230 V/50/60 Hz
D-3200-A	Drufosmart, red	115 V/50/60 Hz
D-32001	Drufosmart, silver	230 V/50/60 Hz
D-32001-A	Drufosmart, silver	115 V/50/60 Hz

Special voltage available on request

Inclusive

- base range of blanks
- air connection hose

Optionally available

- K7 insert for the production of thermo-formed resin caps (item-no. D-3228)
- For the Drufosmart 1 package of granules is needed (item-no. D-4282)

Thermo-forming Technique

Vacformat U

Robust vacuum thermo-forming unit with user-friendly handling for universal use in the field of dental thermo-forming technique.

Advantages

- suitable for all blanks with a diameter of 0.1 to 4 mm
- secure fixation of blanks by tension ring with bayonet lock
- integrated vacuum pump, therefore only connection to mains supply required
- constant visual-control of thermo-forming and plastification process

Technical data

Dimensions	H = 155, W = 365, D = 180 mm
Power of vacuum	- 0,75 bar
Weight	6.1 kg
Usable blanks	Ø 120 mm
Power consumption	250 W

D-3280R Vacformat U, 230 V/50 Hz

Inclusive

- porous metal disc
- basic assortment of blanks
- information sheet of thermo-forming blank material

D-3280R-A Vacformat U, 115 V/60 Hz

Inclusive

Accessories as 3280R

Optionally available

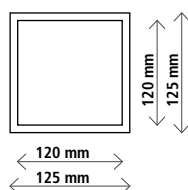
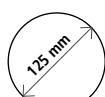
- Steel granules: Lead-free granules for the embedding of model parts that are not needed for thermo-forming. (item-no. D-4283)
- Refined steel granules: The new filling granules with round edges minimise the formation of holes, especially in case of thin thermo-forming foils and therefore lead to an optimal fitting. Furthermore the granules can be easily removed from the blanks after the thermo-forming process. (item-no. D-4284)



Standard size



Extra size



Thermo-forming blanks

All Dreve thermo-forming materials have a standard diameter of 120 mm. All item numbers listed up in the catalogue refer to this standard size. Extra sizes of transparent blanks and blanks of one colour are available on request.

- blanks with a diameter of 125 mm
- square-shaped blanks with a side length of 120 and 125 mm

Application	Product	Strength				
Base plates	Drufoplast	2 mm	3 mm			
	Drufoplast (incl. tray handle)	3 mm				
Bleaching	BioBleach® hard	0.5 mm				
	BioBleach® soft	1 mm				
	Drufosoft®	1 mm	1.5 mm			
Matrix	Drufolen H	0.6 mm	0.8 mm			
	Drufolen W	0.45 mm	0.65 mm	0.8 mm	1 mm	
Individual trays	Drufoplast	3 mm				
	Drufoplast (incl. tray handle)	3 mm				
Orthodontic devices	Biolit D	2 mm				
	Biolon	2 mm	3 mm			
Mouthguards	Biolon	2 mm				
	Drufosoft® transparent	2 mm	3 mm	4 mm		
	Drufosoft® colour	3 mm	4 mm			
	Drufosoft® bicolour	3 mm				
	Drufosoft® tricolour	3 mm				
Space maintainers	Drufolen W	0.65 mm	0.8 mm			
	UZF (Underlay blanks)	0.1 mm				
Positioners/Retainers	Biolon	0.75 mm				
	Drufosoft® transparent	1.5 mm	2 mm	3 mm	4 mm	5 mm
	Drufosoft® colour	3 mm	4 mm			
	Drufosoft® bicolour	3 mm				
	Drufosoft® tricolour	3 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	Biolit D	1 mm	2 mm			
	Biolon	1 mm	1.5 mm	2 mm		
	Drufoplast (incl. tray handle)	3 mm				
Splint therapy	Biolit D	1 mm	2 mm			
	Biolon	0.75 mm	1 mm	1.5 mm	2 mm	3 mm
	Drufosoft® pro	3 mm				
	Kombiplast	1.8 mm	3 mm			
Bandage plates	Biolit D	1 mm	2 mm			

Thermo-forming Technique

BioBleach® hard

Thermo-forming blank made of polyethylene for the production of stable bleaching/medication splints, ending at the gingival margin.

Characteristics

- slightly flexible, also suitable for situations with slight undercut areas
- clear-transparent
- bonds with acrylate

D-4294 BioBleach® hard
120 x 0,5 mm clear-transparent, 20 pieces

BioBleach® soft

Thermo-forming blank made of ethyl vinyl acetate copolymer for the production of soft, bleaching/medication splints extending the gingival margin.

Characteristics

- high form constancy, 95 Shore A
- transparent

D-4300 BioBleach® soft
120 x 1 mm transparent, 20 pieces

Biolit D

Thermo-forming blank made of polycarbonate for the production of:

- bandage plates
- drilling splints
- orthodontic devices
- various splints

Characteristics

- hot sterilisable
- predrying required (4 hours at 80 °C per mm blank thickness)
- clear-transparent
- bonds with acrylate

D-4260 Biolit D
120 x 1 mm clear-transparent, 10 pieces

D-4262 Biolit D
120 x 2 mm clear-transparent, 10 pieces



Example of use:
BioBleach® hard/BioBleach® soft



Example of use: Biolit D

Biolon

Thermo-forming blank made of polyethylene terephthalate for the production of:

- hard occlusion splints
- bases for occlusion splints
- bases for orthodontic devices

Characteristics

- visco-plastic
- clear-transparent
- bonds with acrylate



Example of use: Biolon

D-42300	Biolon 120 x 0,5 mm	clear-transparent	20 pieces
D-423001	Biolon 120 x 0,5 mm	clear-transparent	50 pieces
D-42303	Biolon 120 x 0,75 mm	clear-transparent	20 pieces
D-423031	Biolon 120 x 0,75 mm	clear-transparent	40 pieces
D-42396	Biolon 120 x 1 mm	clear-transparent	20 pieces
D-423971	Biolon 120 x 1 mm	clear-transparent	50 pieces
D-42402	Biolon 20 x 1,5 mm	clear-transparent	20 pieces
D-424021	Biolon 120 x 1,5 mm	clear-transparent	50 pieces
D-42398	Biolon 120 x 2 mm	clear-transparent	15 pieces
D-423991	Biolon 120 x 2 mm	clear-transparent	50 pieces
D-4241	Biolon 120 x 3 mm	clear-transparent	10 pieces
D-42411	Biolon 120 x 3 mm	clear-transparent	30 pieces

Drufofen H

Thermo-forming blank made of polypropylene for the production of:

- matrix
- transfer caps (e. g. brackets)
- stencils for the production of temporaries

Characteristics

- hard-flexible consistency
- burns without residue
- available in Ø 42 mm for manual hand adapters
- does not bond with acrylate



Example of use: Drufofen H

D-423641	Drufofen H 120 x 0,6 mm	natural	40 pieces
D-423681	Drufofen H 120 x 0,8 mm	natural	40 pieces
D-42374-42	Drufofen H 42 x 0,6 mm	natural	150 pieces

Thermo-forming Technique

Drufolen W

Thermo-forming blank made of polyethylene for the production of:

- matrix with undercut areas
- space maintainers used for medical splints

Characteristics

- soft flexible consistency
- burns without residue
- available in Ø 42 mm for manual adapters

D-423441N	Drufolen W	120 x 0,45 mm	natural	40 pieces
D-423461N	Drufolen W	120 x 0,65 mm	natural	40 pieces
D-423481N	Drufolen W	120 x 0,8 mm	natural	40 pieces
D-423401N	Drufolen W	120 x 1 mm	natural	30 pieces
D-42384N-42	Drufolen W	42 x 0,45 mm	natural	150 pieces
D-42386N-42	Drufolen W	42 x 0,65 mm	natural	100 pieces
D-42388N-42	Drufolen W	42 x 0,8 mm	natural	100 pieces
D-423461B	Drufolen W	120 x 0,65 mm	blue	40 pieces
D-423481B	Drufolen W	120 x 0,8 mm	blue	40 pieces



Example of use: Drufolen W

Drufosoft® pro

Thermo-forming blank made of ethyl vinyl acetate for the production of:

- hard-flexible occlusion splints
- positioners
- bruxism splints

Characteristics

- hard-flexible, 95 Shore A
- high recovery from deformation
- can be laminated

D-4230	Drufosoft® pro	120 x 3 mm	transparent	10 pieces
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Example of use: Drufosoft® pro

Drufoplast

Thermo-forming blank made of polystyrene for the production of:

- individual impression trays
- base plates for bite-takings
- base plates for set-ups

Characteristics

- extremely break-resistant
- suitable tray handles available (item-no. 4294Z + item-no. 4295)

D-4210Z	Drufoplast	120 x 2 mm	pink	15 pieces
D-42081Z	Drufoplast	120 x 3 mm	pink	30 pieces



Example of use: Drufoplast

Drufoplast tray handles

Thermo-formable, formed tray handles for individual impression trays made of Drufoplast.

D-4294Z	Drufoplast tray handles, formed, pink	50 pieces
D-4295	Drufoplast tray handles, flat, clear-transparent	50 pieces





Example of use: Drufoplast

Drufoplast (includes tray handle)

Thermo-forming blank made of polystyrene for the production of:

- transparent individual impression trays
- x-ray splints
- base plates for bite-takings
- base plates for set-ups

Characteristics

- extremely break-resistant
- includes tray handle

D-4214	Drufoplast	120 x 3 mm	clear-transparent	10 pieces
D-4215	Drufoplast	120 x 3 mm	clear-transparent	100 pieces



Example of use: Kombiplast

Kombiplast

Thermo-forming blank made of styrene/butadiene block copolymer and ethyl vinyl acetate copolymer for the production of:

- occlusion splints for more comfortable wearing

Characteristics

- hard surface, soft inner side
- bonds with acrylic

D-4290	Kombiplast	120 x 1,8 mm	clear-transparent	10 pieces
D-4291	Kombiplast	120 x 3 mm	clear-transparent	10 pieces



UZF (Underlay blank)

Thermo-forming blank made of styrene/butadiene copolymer for the production of:

- space maintainers for shrinkage-compensation of the C+B model-lation

Characteristics

- very thin, plastification only possible in combination with other blanks (e. g. Drufolen)
- available in Ø 42 mm for manual adapters

D-42470	UZF	120 x 0,1 mm	red	100 pieces
D-42474-42	UZF	42 x 0,1 mm	red	100 pieces



TrayFix

Bonding material for solid connection of thermo-formed Drufoplast base and tray handle.

D-4276	TrayFix			20 ml bottle
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Thermo-forming Technique

Drufosoft®

Thermo-forming blank made of ethyl vinyl acetate for the production of:

- sports mouthguards
- positioners
- medical splints
- duplication forms

Characteristics

- soft-elastic, 82 Shore A
- high recovery from deformation
- can be laminated
- Drufosoft® 3 mm is available in many different colours and colour combinations

Drufosoft® transparent

D-4245	Drufosoft®	120 x 1 mm	transparent	20 pieces
D-42451	Drufosoft®	120 x 1 mm	transparent	50 pieces
D-4252	Drufosoft®	120 x 1.5 mm	transparent	20 pieces
D-42531	Drufosoft®	120 x 1.5 mm	transparent	50 pieces
D-4250	Drufosoft®	120 x 2 mm	transparent	15 pieces
D-42511	Drufosoft®	120 x 2 mm	transparent	50 pieces
D-4248	Drufosoft®	120 x 3 mm	transparent	10 pieces
D-42481	Drufosoft®	120 x 3 mm	transparent	30 pieces
D-42472	Drufosoft®	120 x 4 mm	transparent	15 pieces
D-424901	Drufosoft®	120 x 4 mm	transparent	75 pieces
D-4225	Drufosoft®	120 x 5 mm	transparent	15 pieces

Drufosoft® colour

D-4248-2	Drufosoft®	120 x 3 mm	neon-red	10 pieces
D-4248-3	Drufosoft®	120 x 3 mm	neon-green	10 pieces
D-4248-4	Drufosoft®	120 x 3 mm	neon-yellow	10 pieces
D-4248-5	Drufosoft®	120 x 3 mm	blue	10 pieces
D-4248-6	Drufosoft®	120 x 3 mm	yellow	10 pieces
D-4248-7	Drufosoft®	120 x 3 mm	black	10 pieces
D-4248-8	Drufosoft®	120 x 3 mm	white	10 pieces
D-4248-9	Drufosoft®	120 x 3 mm	pink	10 pieces
D-4248-17	Drufosoft®	120 x 3 mm	red	10 pieces
D-4248-18	Drufosoft®	120 x 3 mm	turquoise	10 pieces
D-4248-19	Drufosoft®	120 x 3 mm	gold	10 pieces
D-4248-20	Drufosoft®	120 x 3 mm	silver	10 pieces
D-4248-21	Drufosoft®	120 x 3 mm	blue-opaque	10 pieces
D-4248-22	Drufosoft®	120 x 3 mm	green	10 pieces
D-4248-23	Drufosoft®	120 x 3 mm	lilac	10 pieces
D-4248-24	Drufosoft®	120 x 3 mm	light-blue	10 pieces
D-4248-25	Drufosoft®	120 x 3 mm	bordeaux	10 pieces
D-4248-26	Drufosoft®	120 x 3 mm	orange	10 pieces

Signature®

The Mouthguard system Signature® by Dreve is well-proven for many years and belongs to the sports equipment of many international athletes as well as amateur sportsmen. The laboratory made Mouthguard shows perfect fit without influencing speech, breathing or swallowing. During processing it can also be adapted individually by using different materials and thicknesses according to the protection needs of the corresponding kind of sport.

Signature® Junior

is a mouthguard made of two Drufosoft® blanks. Recommended for sportsmen up to an age of 14 years. Signature® Junior is manufactured from:

- 1 blank Drufosoft® transparent 120 x 2 mm
- 1 blank Drufosoft® colour 120 x 3 mm
- x-ray opaque stripe
- 2 Signature® labels

Signature® Senior

is a mouthguard made of two Drufosoft® blanks. Recommended for most contact sports, e. g. handball, basketball, squash, American Football etc. Signature® Senior is manufactured from:

- 1 blank Drufosoft® transparent 120 x 3 mm
- 1 blank Drufosoft® colour 120 x 3 mm
- x-ray opaque stripe
- 2 Signature® labels

Signature® Elite

is a mouthguard made of three Drufosoft® blanks. Recommended for boxing, martial arts and water polo. Signature® Elite is manufactured from:

- 2 blank Drufosoft® transparent 120 x 3 mm
- 1 blank Drufosoft® colour 120 x 3 mm
- x-ray opaque stripe
- 2 Signature® labels

Signature® Professional

is a mouthguard made of two Drufosoft® and one Biolon blank. Recommended for professional athletes, so-called stick sports, e. g. hockey, ice hockey, polo. Signature® Professional is manufactured from:

- 1 blank Drufosoft® transparent 120 x 3 mm
- 1 blank Biolon transparent 120 x 2 mm
- 1 blank Drufosoft® colour 120 x 3 mm
- x-ray opaque stripe
- 2 Signature® labels



Example of use: Drufosoft® colour

Drufosoft® colourmix

Colours and colour combinations:

single-coloured		bicolour
transparent	red	yellow/black/yellow
neon-red	turquoise	white/blue/white
neon-green	gold	red/blue/red
neon-yellow	silver	
blue	blue-opaque	tricolour
yellow	green	black/red/yellow
black	lilac	blue/white/red
white	light-blue	red/green/blue
pink	bordeaux	



Example of use: Drufosoft® tricolour



D-4247-2	Drufosoft®	120 x 4 mm	neon-red	10 pieces
D-4247-3	Drufosoft®	120 x 4 mm	neon-green	10 pieces
D-4247-4	Drufosoft®	120 x 4 mm	neon-yellow	10 pieces
D-4247-6	Drufosoft®	120 x 4 mm	yellow	10 pieces
D-4247-8	Drufosoft®	120 x 4 mm	white	10 pieces
D-4247-9	Drufosoft®	120 x 4 mm	pink	10 pieces
D-4247-17	Drufosoft®	120 x 4 mm	red	10 pieces
D-4247-18	Drufosoft®	120 x 4 mm	turquoise	10 pieces
D-4247-19	Drufosoft®	120 x 4 mm	gold	10 pieces
D-4247-20	Drufosoft®	120 x 4 mm	silver	10 pieces
D-4247-21	Drufosoft®	120 x 4 mm	blue-opaque	10 pieces
D-4247-22	Drufosoft®	120 x 4 mm	green	10 pieces
D-4247-23	Drufosoft®	120 x 4 mm	lilac	10 pieces
D-4247-25	Drufosoft®	120 x 4 mm	bordeaux	10 pieces

Drufosoft® bicolour

Only available in Ø 120 mm.

D-4270-11	Drufosoft®	120 x 3 mm	yellow/black/yellow	3 pieces
D-4270-12	Drufosoft®	120 x 3 mm	white/blue/white	3 pieces
D-4270-13	Drufosoft®	120 x 3 mm	red/blue/red	3 pieces

Drufosoft® tricolour

Only available in Ø 120 mm.

D-4275-14	Drufosoft®	120 x 3 mm	black/red/yellow	3 pieces
D-4275-15	Drufosoft®	120 x 3 mm	blue/white/red	3 pieces
D-4275-16	Drufosoft®	120 x 3 mm	red/green/blue	3 pieces

Drufosoft® colourmix

Package with one blank of every colour and colour combination.

D-4265	Drufosoft®	120 x 3 mm	colourmix	24 pieces
D-4265-125*	Drufosoft®	125 x 3 mm	colourmix	18 pieces

*blanks of one colour only, no bicoloured and tricoloured blanks

X-ray opaque stripes

For insertion into Signature® Mouthguards.

D-4445	X-ray opaque stripes	15 pieces
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Signature® Label

For insertion into Signature® Mouthguards.

D-4447	Signature® Label	white	1 sheet/30 pieces
D-4448	Signature® Label	silver matt	1 sheet/30 pieces
D-4449	Signature® Label	silver shiny	1 sheet/30 pieces
D-44500	Signature® Label	transparent	1 sheet/30 pieces

Signature® Mouthguard Box

For the hygienic storage of mouthguards.

D-4444	Signature® Mouthguard Box, red	5 pieces
	incl. address stickers and sticker with maintenance advice	

Thermo-forming Technique

Drufosoft® Shell

The high-quality mouthguard system for sports and leisure time. Drufosoft® Shells are anatomically shaped mouthguards made of EVA, which are individually adjusted by use of a shell former (latex foil). Drufosoft® Shells enable the fast and efficient production of mouthguards with excellent shock absorption. Only one thermo-forming process guarantees a precise fitting of the mouthguard, with an ideal thickness of up to 4 mm in the anterior teeth area. It is perfectly suitable for hobby athletes and adolescents.

Advantages

- controlled fitting by dentists
- individually produced in dental laboratories
- perfect fitting, no impact on speech or breathing
- special safety characteristics
- uncomplicated, fast manufacturing
- inexpensive alternative/supplement to laminated mouthguards
- especially recommended for children and adolescents
- many different colours

D-4443-1	Drufosoft® Shell	transparent	5 pieces
D-4443-2	Drufosoft® Shell	black	5 pieces
D-4443-3	Drufosoft® Shell	blue	5 pieces
D-4443-4	Drufosoft® Shell	neon-yellow	5 pieces
D-4443-5	Drufosoft® Shell	neon-green	5 pieces
D-4443-6	Drufosoft® Shell	white	5 pieces
D-4443-7	Drufosoft® Shell	neon-red	5 pieces
D-4443-8	Drufosoft® Shell	pink	5 pieces
D-4443-9	Drufosoft® Shell	colourmix	8 pieces



Example of use Drufosoft® Shell





Drufosoft® Shell Starter Set

Starter set with all required materials for the production of mouthguards with the Shell technique. The manufacturing is explained in detail in an illustrated instruction.

D-4443-SET Drufosoft® Shell Starter Set

Contents

- Drufosoft® Shell colourmix, 1 shell per colour, 8 pieces
- Shell Former for vacuum thermo-forming units, 2 pieces
- Latex foil for pressure thermo-forming units, 2 pieces
- UltraTrimm grinding wheels, 3 pieces each of
 - heavy
 - medium
 - light
- 6 supporting discs
- Finishing Liquid, liquid for the surface treatment of EVA-materials, 20 ml bottle
- Information for patients

Shell Former

Accessory for the manufacturing of Drufosoft® Shell Mouthguards. Suitable for all vacuum units, with blank fixation of a Ø 120 mm. The Shell Former is made of a solid resin ring (Ø 120 mm) and a loose-fitting latex foil for multiple use.

D-4489 Shell Former 10 pieces

Latex foil

Accessory for the thermo-forming of Drufosoft® Shell-Mouthguards. Suitable for all vacuum and pressure thermo-forming units. Latex foil with a Ø 150 mm, for multiple use.

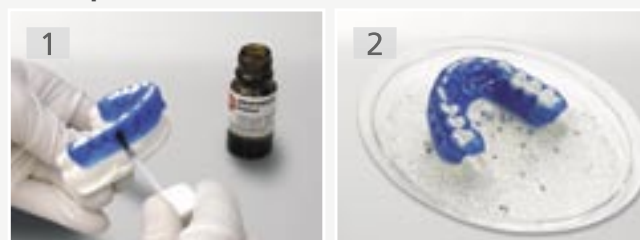
D-4491 Latex foil 10 pieces

Drufosoft® Primer

Bonding for the durable connection of a hard Biolon blank and a soft Drufosoft® thermo-forming blank. Especially suited for the individual manufacturing of soft-hard occlusion splints or for the production of orthodontic devices.

D-4442 Drufosoft® Primer 10 ml bottle

Example of use Drufosoft® Primer



Thermo-forming Technique

Isolat film

Heat-resistant film forming insulating agent with excellent separation effect on the basis of alginate for smooth and pore-free surfaces.

Suitable for insulation

- resin/plaster
- plaster/plaster
- silicone/plaster

D-4304	Isolat film	1 l bottle
D-4303N	Isolat film	5 l canister



Rubber distance rings

Rubber rings for multiple use to block out base parts of models in the thermo-forming technique. This enables an unproblematic separation of model and hard blank after the thermo-forming process.

D-42991	Rubber distance rings	6 pieces
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Contents

- 3 rings with a diameter of 60 mm
- 3 rings with a diameter of 70 mm



Example of use Rubber distance rings



Granules

Round granules containing lead for the embedding of unneeded parts of the model during thermo-forming.

Recommended for use in pressure units (e. g. Drufoformat and Drufoformat).

D-4282	Granules	1.2 kg bottle
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You require 2 bottles for Drufoformat units.

Steel granules

Lead-free granules for the embedding of model parts that are not needed for thermo-forming.

Recommended for use in Vacfoformat units.

D-4283	Steel granules	1.2 kg bottle
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Refined steel granules

The new filling granules with rounded edges minimise the formation of holes, especially in case of thin thermo-forming blanks and therefore lead to an optimal fitting. Furthermore the granules can be easily removed from the blanks after the thermo-forming process.

D-4284	Refined steel granules	1.2 kg bottle
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Fillin

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

D-42541 Fillin 60 g bar natural coloured



Foil scissors

Stable special scissors for use in the thermo-forming technique, with ridged and bent cut.

D-4369 Foil scissors



Cutters

Carbide cutter for separating and cutting resp. working on all hard thermo-forming materials.

D-4374V Square cutter without toothing

D-4374S Piercing cutter with spiral cut



Finishing Liquid

Polishing liquid for the smoothening of rough surfaces of EVA materials (e. g. Drufosoft®).

D-4466N Finishing Liquid 250 ml bottle

Thermo-forming Technique

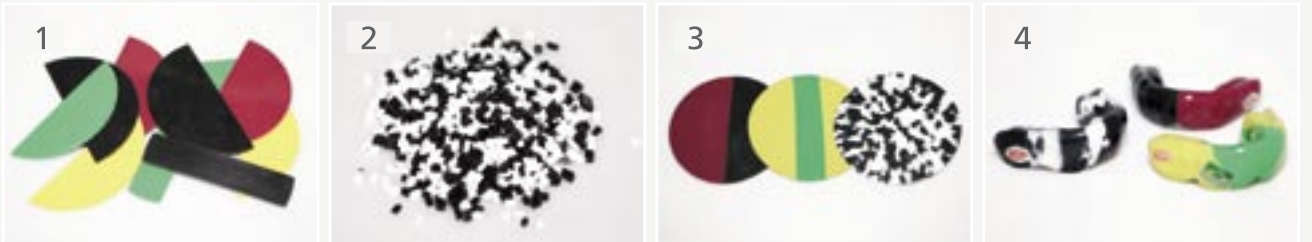
Funky tool

Funky tool is an accessory unit for Drufomat and Drufosmart thermo-forming units for an individual colour design of Drufosoft® blanks.

D-3229 Funky tool



Example of use Funky tool



Appliance inserts

Inserts for Drufomat units for several different applications.

Pressure Polymerisation Insert

This insert allows an extra use of Drufomat units as pressure pot for cast flasks (without water), for repairs or extensions of dentures (with tempered water). The pressure polymerisation insert is to be placed onto the base plate of the Drufomat. The desired pressure can be adjusted individually by use of the pressure reducing valve.

D-3227 Pressure Polymerisation Insert



Press insert

This insert allows an extra use of Drufomat units as flask press for 1-2 standard brass flasks. The pressure insert is to be fixed into the pressure piston of the Drufomat. The pressure can be adjusted individually from 2 to 6 bar by use of the pressure reducing valve.

D-3211 Press insert



K7 insert

The porous metal disc with pre-cut holes is suitable for up to seven prepared plaster dies for the production of thermo-formed resin caps. The K7 insert is to be placed into the forming table insert of the Drufomat instead of the nub plate. This insert enables the additional use of Drufomat units to produce thermo-formed resin caps.

D-3228 K7 insert



Silicone Grease

Special grease for rubber seals (e. g. the o-ring seal of thermo-forming units or pressure pots).

D-3350 Silicone Grease 35 g tube

Isopor rubber

Space maintainer discs made of foamed material which are placed between model and Drufoplast, when manufacturing thermo-formed impression trays. On the inside of the impression tray a rough-textured surface is created, which offers an excellent mechanical retention between impression silicone and individual tray.



D-4256 Isopor rubber 100 x 3 mm 10 pieces

D-4257 Isopor rubber 100 x 6 mm 10 pieces

Example of use Isopor rubber



Workout set thermo-forming technique

Set of grinding tools for the workout and finishing of all thermo-formed parts, assorted in a robust and practical table stand, made of V2A.

D-3273 Workout set thermo-forming technique

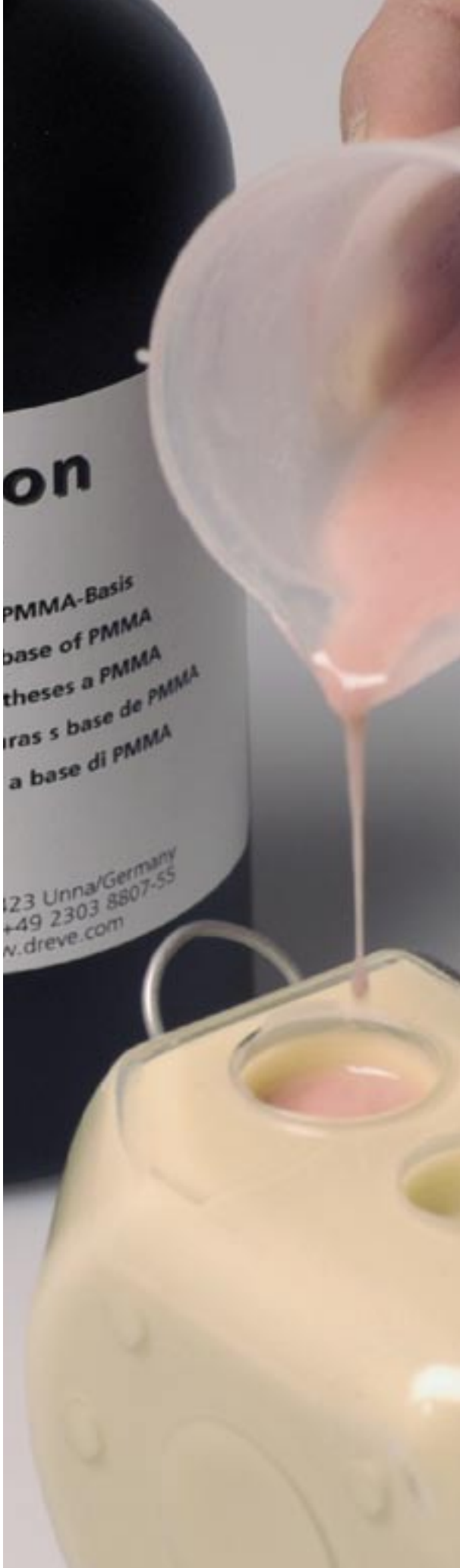
Contents

- 1 square cutter
- 1 special cutter
- 2 mandrels incl. support discs
- 1 UltraTrimm medium grinding wheel
- 1 UltraTrimm light polishing wheel
- 1 grinding cap holder, round, size 2, incl. grinding cap
- 1 grinding cap holder, pointed, size 1, incl. grinding cap
- 1 hard rubber, flame shaped
- 1 brush made of goat hair
- 1 cotton buff
- 1 table stand made of V2A

Sample assortment thermo-forming foils

Practical sample assortment of Dreve thermo-forming materials, including all necessary information regarding materials, thicknesses, accessories packed in a handy collection case.

D-3272 Sample assortment thermo-forming foils



Castdon System

The denture pouring technique with Castdon resins and the special pouring flasks is a time-saving, economical procedure for the price and quality conscious dental technique of today.

All components of the system are coordinated with each other, the handling of this technique is easy and the results convince in regard to function, aesthetics and exact fitting.

Complicated grinding work is not necessary, as no bite increase occurs. After an accurate wax modelling the denture can be taken out of the form and is nearly finished, apart from a slight post processing that is reduced to a minimum.

Castdon resin

Auto-polymerising, cadmium-free PMMA pouring resin with barbiturate hardener system for the production of total and partial dentures, clinically proven for many years.

Characteristics

- low shrinkage
- excellent flow characteristics
- break-resistant
- colour stable
- minimum content of residual monomer
- also suitable for the pressing procedure, relining and repairs
- successfully tested for biocompatibility



- manufacture wax model as usual
- functional edges must be free of wax
- adjust model in flask



- fix model onto bottom plate by use of wax
- close flask with brackets
- check sealing for correct fit



- shake Siliform before use
- take 150 ml of each component and mix homogenously by use of spatula

Resin pouring technique

- fill flask from top in a thin stream



- cure silicone under the same pressure as will be done later with the resin (e. g. Pneupress T)
- curing approx. 30 min.



- remove bottom plate and deflask the model



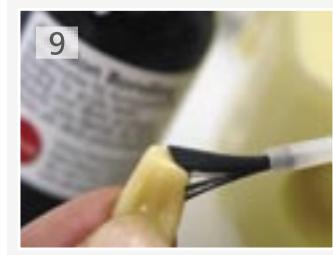
- pierce two pouring canals into the dorsal area of the jaw ridge
- one additionally canal has to be pierced in the upper jaw, in central position



- remove wax from teeth using the flask bottom plate
- abrade teeth and apply retention
- set teeth back into the duplication form
- no gluing of teeth is necessary due to the moist surface of the silicone



- application of Castdon Bonding between tooth and basis strengthens connection





- put model into warm water, afterwards dry the surface
- insulate by use of Isolat film
- only insulate with one layer!



- set model back into duplication form
- close flask with bottom plate
- fill dosing aids (the same filling height guarantees an optimal mixing ratio, 17 g powder/11 ml liquid for one denture)



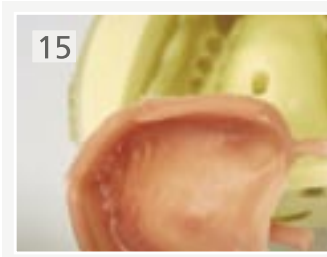
- mix Castdon homogenously in a mixing beaker
- pour it into the flask in a thin stream through only one canal



- cure inside a polymerisation unit (e. g. Polymax 1) for about 25 min. at a temperature of 45 °C
- fill with water up to the edge of the flask
- the resin-filled funnels should not be set under water



- remove the bottom plate after polymerisation
- deflask the model



- denture can be removed easily from the model

Resin pouring technique

- further treatments are reduced to:
removing of spill-overs...

... adding of the finishing touches by use of sandpaper

... and polishing – completed!

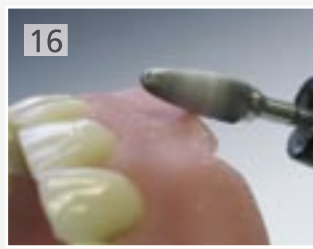
Areas of indication

- total prosthodontics
- partial prosthodontics
- implant prosthodontics
- immediate prosthodontics
- relinings
- repairing
- completion

Tabular basic data

- max. dorsal height of model 20 mm
- amount of material Siliform 2 x 150 ml
- curing Siliform 30 min.
- curing Gelon 45 min.
- amount of material required for each denture:
17 g Polymer, 11 ml Monomer
- polymerisation time: resin 25 min.,
polymerisation temperature 45 °C,
pressure range 2.5-5.0 bar

approx. 30 minutes pure working time



Components

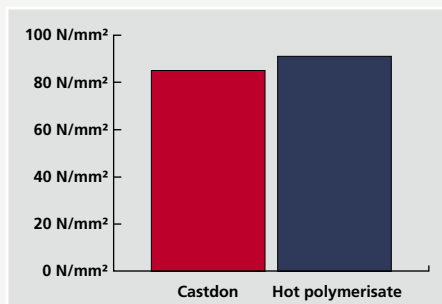
Polymer

- polymethyl methacrylate copolymer
- barbiturate acid derivatives
- colour pigments

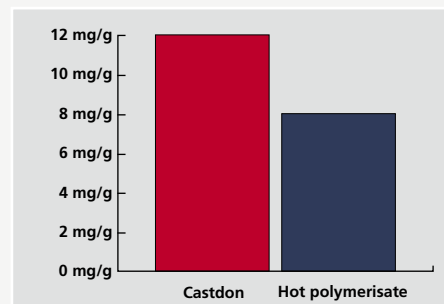
Monomer

- methyl methacrylate
- quaternary sal ammoniac
- stabilisers
- catalyst
- vulcaniser

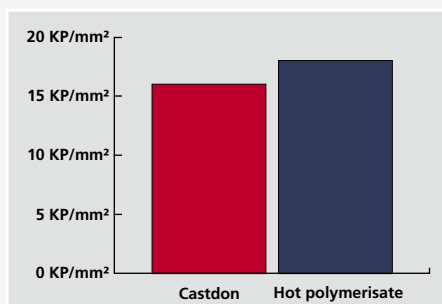
Technical Information



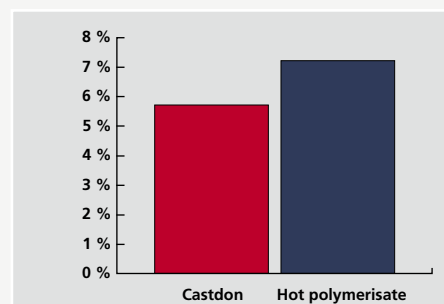
Bending strength



Residual monomer after 48 h at 37 °C



Hardness



Shrinkage

Case Studies



Castdon Starter Kit

Comprehensive complete starter package in two colour versions with all necessary components for beginners.

Content

- Castdon flask, transparent
- Castdon Liquid, 0.5 l bottle
- Castdon Bonding, 20 ml bottle
- Siliform, 2 x 850 ml (1 kg) bottles
- Isolat film, 1000 ml bottle
- 1 canal piercing instrument, Ø 8 mm
- dosing aids
- Castdon powder, 0.75 kg



D-3790 Castdon Starter Kit, pink-transparent

D-3792 Castdon Starter Kit, pink-opaque

Resin pouring technique

Castdon Liquid

Mixing liquid for Castdon and DentureArt resins.

D-3905	Castdon Liquid	150 ml bottle
D-3865	Castdon Liquid	0.5 l bottle
D-3867	Castdon Liquid	1 l bottle



Castdon Bonding

Liquid for the perfect bonding between highly vulcanised denture teeth and auto polymer resins.

D-3877	Castdon Bonding	20 ml bottle
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Castdon flask

Professional pouring flask with transparent upper part, stainless steel bottom plate with integrated chambers for teeth dewaxing, incl. canal piercing instrument, Ø 8 mm.

D-3803	Castdon flask	transparent
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Castdon dosing aids

Measuring cups for a perfect mixing ratio of 2:1 for all types of Castdon resins.

D-38092	Castdon dosing aids	2 pieces
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Castdon powder

D-3873	Castdon powder	pink-transparent	0.75 kg	tub
D-3874	Castdon powder	pink-transparent	1.2 kg	tub
D-3876	Castdon powder	pink-transparent	4.0 kg	bucket
D-3884	Castdon powder	pink-opaque	0.75 kg	tub
D-3887	Castdon powder	pink-opaque	1.2 kg	tub
D-3879	Castdon powder	transparent	0.75 kg	tub



Veins

Viscose fibres to be mixed into denture resins for individual design of a veined appearance.

D-3904-1	Veins	dark red	7 ml bottle
D-3904-2	Veins	blue	7 ml bottle





Siliform

Addition-vulcanising, thin-flowing form silicone for embedding dentures in the resin pouring technique. Thanks to special contents Siliform has a unique material surface and guarantees an easy deflasking of the finished denture.

Characteristics

- excellent reproduction of details
- almost no shrinkage, therefore perfect reproduction of the wax set-up
- slightly oily surface film, therefore excellent flow characteristic of the pouring resin
- final hardness 14 Shore A
- component A = white, B = yellow

D-38605	Siliform	2 x 850 ml	(1 kg)	bottles A+B
D-38607	Siliform	2 x 5.1 l	(6 kg)	canister A+B



Isolat film

Heat-resistant, film-forming insulating agent on the basis of alginate for smooth surfaces free of pores with excellent separating effect.

Suitable for the insulation

- resin/plaster
- plaster/plaster
- silicone/plaster

D-4304	Isolat film		1 l bottle
D-4303N	Isolat film		5 l canister



Gelton

High quality duplicating gel on the basis of Agar-Agar.

Characteristics

- especially hard and stable in form
- low shrinkage
- short curing times
- suitable for model casting and denture pouring technique

D-38602	Gelton green		6 kg bucket
D-38601	Gelton transparent		6 kg bucket

Canal piercing instrument

For Agar-Agar gel and silicone.



D-3872	Canal piercing instrument	Ø 8 mm	1 piece
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Resin pouring technique

DentureArt

A further development of the Castdon pouring system. DentureArt is based on a highly opaque basis resin and different intensive colours that harmonise with each other for the creative reproduction of a life-like gingiva. This product offers the user unlimited possibilities in order to meet all state of the art aesthetical demands. DentureArt materials can perfectly be integrated into the mouth. A reliable cover of the cervix dentis and constructive parts is achieved. For the development of this system the famous master dental technician Jan Schünemann was exclusively at our disposal for advice. His name stands for the innovative character of the DentureArt product line.

Characteristics

- highly opaque basis resin
- different colours for the individual characterisation
- intensive colours that harmonise with each other
- absolutely stable in colour
- low polymerisation shrinkage
- low costs of investment

DentureArt System Pack

Complete basic assortment with all necessary components and comprehensive accessories for beginners. The assortment is supplied in a stable resin case. With Castdon Base a production of about 10 DentureArt dentures is possible.

D-3900 DentureArt System Pack

Content

- | | | | |
|--|----------------|--------|--------|
| · Castdon Base powder | natural opaque | 190 g | tub |
| · Castdon Color powder | margin white | 35 g | tub |
| · Castdon Color powder | gingiva red | 35 g | tub |
| · Castdon Color powder | vein blue | 35 g | tub |
| · Castdon Intense powder | red | 8 g | tub |
| · Castdon Intense powder | white | 8 g | tub |
| · Castdon Intense powder | yellow | 8 g | tub |
| · Castdon Intense powder | brown | 8 g | tub |
| · Castdon Color Monomer modelling liquid | | 50 ml | bottle |
| · Castdon Liquid | | 150 ml | bottle |
| · Veins viscose fibres | blue | 7 ml | bottle |
| · Veins viscose fibres | dark red | 7 ml | bottle |
| · Castdon dosing aids, brushes, mixing spatula, graduated beaker | | | |
| · illustrated colour booklet with detailed application examples | | | |

Castdon Base powder

Highly opaque denture resin.

- | | | | | |
|--------|---------------------|----------------|---------|--------|
| D-3901 | Castdon Base powder | natural opaque | 190 g | bottle |
| D-3902 | Castdon Base powder | natural opaque | 0.75 kg | tub |
| D-3903 | Castdon Base powder | natural opaque | 1.2 kg | tub |





Castdon Liquid

Mixing liquid for Castdon and DentureArt resins.

D-3905	Castdon Liquid	150 ml	bottle
D-3865	Castdon Liquid	0.5 l	bottle
D-3867	Castdon Liquid	1 l	bottle

Castdon Color

Enables the lifelike reproduction of different gingiva colours:

- gingiva red for the coloured design of soft gingiva parts
- margin white for the realisation of a tight and healthy gingiva at the cervix dentis
- vein blue for the characterisation of blue gingiva parts



D-3902-1	Castdon Color	gingiva red	35 g	bottle
D-3902-2	Castdon Color	margin white	35 g	bottle
D-3902-3	Castdon Color	vein blue	35 g	bottle

Castdon Intense

Offers options of individualisation. Four intensive colours permit all possibilities to reproduce lifelike gingiva.



D-3903-1	Castdon Intense	red	8 g	bottle
D-3903-2	Castdon Intense	white	8 g	bottle
D-3903-3	Castdon Intense	yellow	8 g	bottle
D-3903-4	Castdon Intense	brown	8 g	bottle



Veins

Viscose fibres to be mixed into resins for the individual design of a veined appearance.

D-3904-1	Veins	dark red	7 ml	bottle
D-3904-2	Veins	blue	7 ml	bottle



Castdon Color Monomer

Modelling liquid to mix Castdon Color and -Intense Powder.

D-3906	Castdon Color Monomer	50 ml	bottle
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Lightpaint On by Klaus Mütterthies

Light-curing colours for the authentic and individual surface characterisation of resins. The set contains 9 original Mütterthies ceramic colours and 3 gingiva colours to paint gingiva parts. All colours can be mixed with each other with unlimited scope for designs. The dual curing system of auto-polymerisation (by mixing colour powder with liquid) and light polymerisation (at a wave length of 300-500 nm) guarantees a long processing time and assures the curing of very opaque colour mixtures. The complete set is supplied in a high-quality mahogany coloured wooden case.

For the individualisation of

- veneers in the C&B technique
- denture parts in the partial and complete prosthodontics
- standard resin teeth
- high-quality and natural-looking long-term temporaries

D-38236 Lightpaint On Set by Klaus Mütterthies

Content

- 12 tubs with 2 g colour powder each, one tub per colour
 - white
 - vanilla
 - khaki
 - maize
 - orange
 - dark orange
 - chestnut
 - pigeon blue
 - black
 - bordeaux
 - pink
 - violet
- 4 brushes in different sizes
- 20 ml bottle Liquid (mixing liquid)
- 20 ml bottle Surface (surface sealing)
- 50 ml bottle Cleaner (brush cleaner)
- mixing palette
- thumb palette
- detailed working instructions with photos

Lightpaint On colour powder

Ceramic and gingiva colours to characterise resin.

D-38237-1	white	2 g tub
D-38237-2	vanilla	2 g tub
D-38237-3	khaki	2 g tub
D-38237-4	maize	2 g tub
D-38237-5	orange	2 g tub
D-38237-6	dark orange	2 g tub
D-38237-7	chestnut	2 g tub
D-38237-8	pigeon blue	2 g tub
D-38237-9	black	2 g tub
D-38237-10	bordeaux	2 g tub
D-38237-11	pink	2 g tub
D-38237-12	violet	2 g tub





Liquid

By varying the mixing ratio the colour intensity can vary from watery transparent to opaque.
Polymerisation time 3-5 minutes.

D-38238 Liquid 20 ml bottle



Cleaner

Special cleaning liquid for brushes.

D-38240 Cleaner 50 ml bottle



Surface

Surface sealing for Lightpaint On characterisations. The sealing with Surface provides a smooth and homogenous surface and increases the durability of the colouring inside the mouth.
Polymerisation time 3-5 minutes.

D-38239 Surface 20 ml bottle



Mixing palette

With lid and insert to mix Lightpaint On colour powders with Liquid.
The mixing palette is impervious to light.

D-38243 Mixing palette



Laboratory Accessories

A traditionally innovative programme of market-driven laboratory products is the basis of our company history. Today trained project teams develop complete product systems in our most modern laboratories, which suit perfectly for the daily lab work.

We focus on continuous quality, customer orientation and an optimal price/performance ratio. In the course of many years we therefore became competent specialists and are your partner in regards to thermo-forming technique, denture pouring technique, dental silicones and reliable lab units.

Of course, we offer you a comprehensive service, which always guarantees you a safe usage of our products.

Please inform yourself on the Internet at www.dreve.com about the current course programmes and workshops relating to our product range. Innovation by tradition!



Plaquit

Light-curing one-component lacquer for coating e. g. built up splints. Polymerisation time 3-5 minutes.

D-38124 Plaquit 20 ml bottle with brush insert

D-38123 Plaquit 50 ml bottle with brush insert

NanoVarnish

Light-curing one-component lacquer on the basis of especially structured nano-particles.

Characteristics

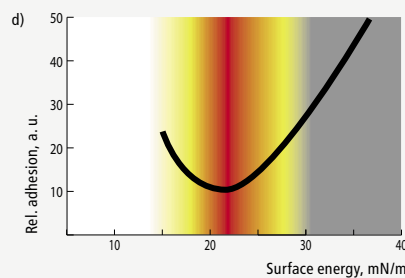
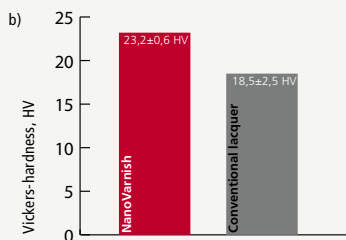
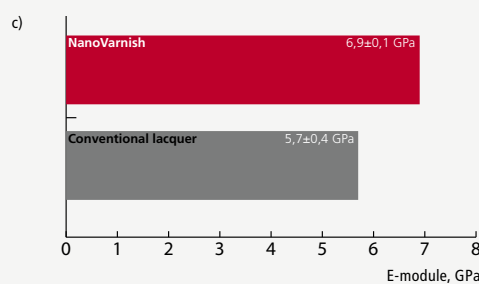
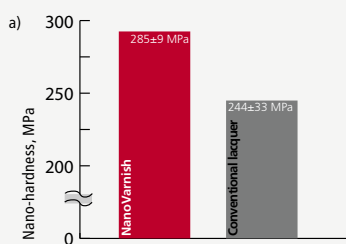
- ideally low surface energy minimises the sticking of germs
- very thin layers thanks to optimum flowing characteristics
- extremely firm bonding with the basis resin
- very transparent
- easy processing
- curing in all current dental light-polymerisation units in the spectral area of 350-500 nm

D-38900 NanoVarnish 20 ml bottle with drop measurer incl. 10 MicroBrush

MicroBrush

Application aid for a homogeneous and thin application of NanoVarnish.

D-38901 MicroBrush 10 pieces



Comparison of the features of NanoVarnish with conventional lacquer systems

- a) Nano-hardness
b) Vickers-hardness
c) Bulk modulus of nano-elasticity
d) Baier-curve

Light-polymerisation technique

Lightplast base plates

Pre-formed, light curing upper jaw (UJ) resin base plates. Polymerisation in all standard laboratory light units with a spectral range of 300-500 nm. Polymerisation time 3-5 minutes.

Characteristics

- stable and break-resistant
- very low stickiness
- very long processing time, low material loss
- neutral odour and low shrinkage
- especially tissue-friendly

For the production of

- individual impression trays
- bite patterns
- resin bases for the tooth set-up for complete dentures
- individual incisal guidance plates
- transfer caps
- centric bite plates

D-38135R Lightplast base plates pink 50 pieces UJ

D-38135N Lightplast base plates natural 50 pieces UJ



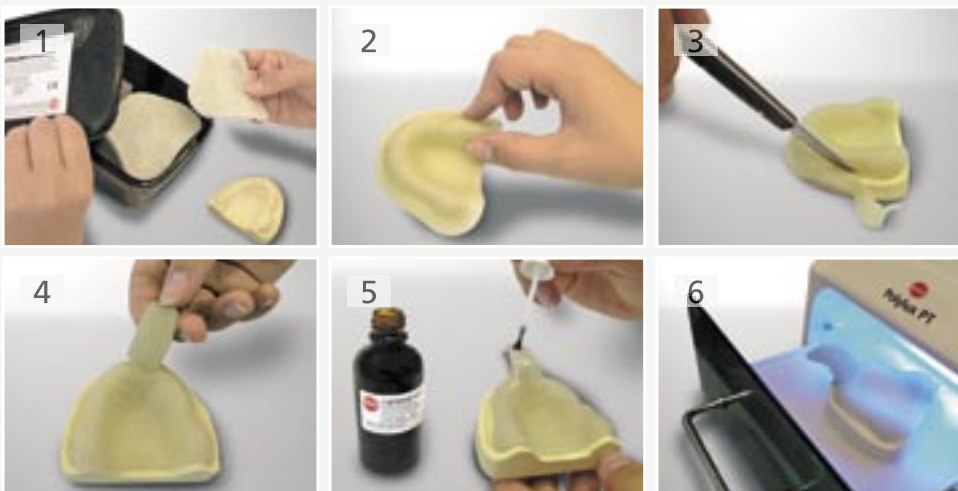
Lightplast lacquer

Light curing 1-component lacquer for the surface coating of light-curing tray plates. Lightplast lacquer creates a very smooth surface without pores. It polymerises in each usual laboratory light unit with a spectral range of 300-500 nm. Polymerisation time 3-5 minutes.

D-38131 Lightplast lacquer 50 ml bottle with brush insert



Example of use of Lightplast base plates



Lightdon Splint

Light-curing system for a quick and problem-free buildup of thermo-formed occlusion splints. The starter kit contains a kneadable 1-component resin, bonding liquid and sealing lacquer. Lightdon Splint permanently compounds with thermo-forming materials which are suitable for a set-up (e. g. Biolon). Easy and material-saving handling. Very economic in the splint therapy. It polymerises in each standard laboratory light unit with a spectral range of 300-500 nm. Polymerisation time 4-5 minutes.



D-3814 Lightdon Splint Starter Kit

Contents

- 60 ml Lightdon Splint resin
- 10 ml Bonding
- 10 ml Plaquit sealing lacquer



Lightdon Splint resin

Light-curing, kneadable 1-component resin for building up thermo-formed splints.

Polymerisation time 4-5 minutes.

D-38141 Lightdon Splint resin 120 ml tub



Lightdon Bonding

Light-curing Bonding liquid for the safe compound of Lightdon Splint resin with a thermo-formed splint that is suitable for build-up (e. g. Biolon). Polymerisation time 30-60 seconds.

D-38223B Lightdon Bonding 10 ml bottle

Light-polymerisation technique

Cenit L

Light-curing PMMA resin with best viscosity for application in the laboratory. It polymerises in each standard laboratory light unit with a spectral range of 300-500 nm.

Polymerisation time 3-5 minutes.

Characteristics

- economic and clean working due to delivery in a dosing syringe
- coating thicknesses up to 2 mm are cured within one production step
- exact determination of coating thickness by increasing colour intensity
- colour: light-blue

Application fields

- for the production of space maintainers when producing bleaching splints
- for the production of reservoirs when producing medical splints
- to fill up air bubbles in the working model
- to block out undercuts
- for the mounting of broken teeth

D-3815 Cenit L

Contents

- 4 application syringes of 2.5 g each
- 8 dosing tips



Application tips

For dosing syringes, for intra-oral application.

D-2308 Application tips, black 0.9 mm 15 pieces



Example of use Cenit L





Dublilil®

Addition-vulcanising vinyl polysiloxanes for all application fields in the dental duplication technique. Easy to mix in a ratio 1:1.

Characteristics

- absolutely exact and accurate reproduction of details
- almost free of shrinkage thanks to addition-vulcanisation with platinum hardener system
- constant in form and stable in storage
- economic and time-saving
- physiologically and toxicologically harmless
- various final hardnesses for all applications

Dublilil® 15

Well-proven standard material for the entire duplication technique.

Characteristics

- final hardness 15 Shore A, thin-flowing
- easy to deflask thanks to highly-flexible consistency
- component A = white, B = green

D-4801	Dublilil® 15	2 x 850 ml	(1 kg)	bottles A + B
D-4806	Dublilil® 15	2 x 5.1 l	(6 kg)	canisters A + B
D-4807	Dublilil® 15	2 x 21.2 l	(25 kg)	canisters A + B

Dublilil® 20

Duplication silicone with medium final hardness for all kinds of duplications.

Characteristics

- final hardness 20 Shore A
- medium hardness for stable duplication forms for e. g. attachment and milling techniques
- component A = white, B = pink

D-4527	Dublilil® 20	2 x 850 ml	(1 kg)	bottles A + B
D-4528	Dublilil® 20	2 x 5.1 l	(6 kg)	canisters A + B
D-4529	Dublilil® 20	2 x 21.2 l	(25 kg)	canisters A + B

Dublilil® 22+

Dublilil® 22+ is an addition-vulcanising duplication silicone with a very good flowability and an excellent detail accuracy. The high-grade mechanical characteristics (tensile strength at break and tear resistance) guarantee problem-free deflasking.

Characteristics

- final hardness 22 Shore A
- middle final hardness for stable duplication forms for e. g. attachment and milling techniques
- component A = white, B = red

D-4530	Dublilil® 22+	2 x 2.0 l	(2.3 kg)	bottles A+B
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Lab Silicones

Dublisil® 30

Duplication silicone with a high final hardness for the duplication technique without flasks.

Characteristics

- final hardness 30 Shore A
- high tensile strength
- complete neutralisation of the expansion pressure of the embedding material also without flask ring
- ideal for highly precise embedding material models for e. g. telescope or attachment works
- component A = white, B = lilac

D-4500	Dublisil® 30	2 x 850 ml	(1 kg)	bottles A + B
D-4502	Dublisil® 30	2 x 5.1 l	(6 kg)	canisters A + B
D-4503	Dublisil® 30	2 x 21.2 l	(25 kg)	canisters A + B



Dublisil® flask

Height adjustable flask for the economic silicone duplication technique.

Advantages

- economic consumption of silicone thanks to an adjustable interior part and therefore best adjustment to the corresponding model situation
- safe fitting of the negative due to the retention part
- duplication of models with or without base
- anchorage due to conical cuff form
- top, cuff and base part are made of stable and long-lasting Makrolon resin

D-3805 Dublisil® flask with foamed space maintainer



Height adjustable

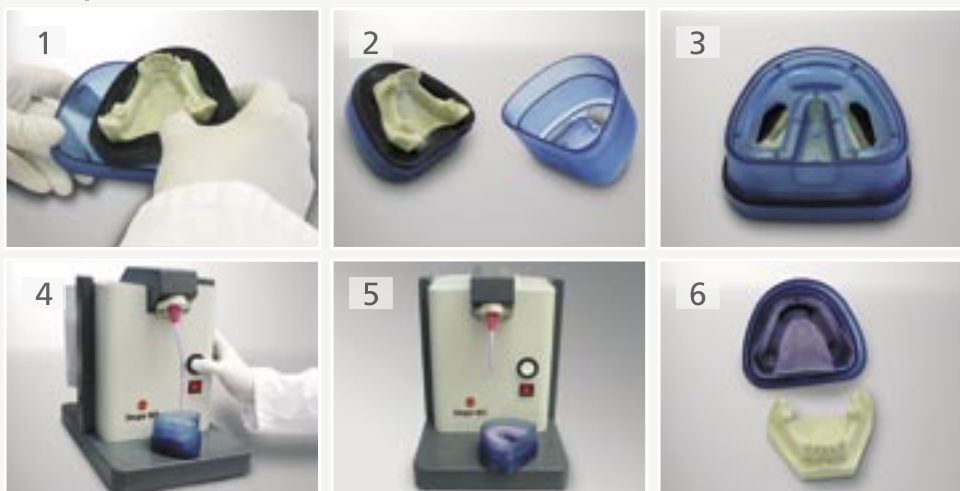
Foamed space maintainers

for Dublisil® flask. For surrounding the model base in case of an economic duplication.

D-38076 Foamed space maintainers 25 pieces



Example of use Dublisil® flask



Laborsil pro

Kneadable laboratory putty with a final hardness of 70 or 90 Shore A made of addition-vulcanising silicone.

Characteristics

- easy and clean mixing in a ratio of 1:1
- smooth, non-sticky initial consistency
- very precise impression and exact reproduction of details
- no shrinkage, therefore stable during storage
- boiling resistant up to >200 °C

Laborsil pro 70

Mixing time	30 sec.
Processing time	1:30 min.
Removal after	5 min.
Final hardness	70 Shore A



Laborsil pro 90

Mixing time	30 sec.
Processing time	1:30 min.
Removal after	5 min.
Final hardness	90 Shore A



Laborsil pro 70

Fields of application

- matrix
- embedding and insulation material for resin teeth in the flask technique
- control key

D-38390	Laborsil pro 70	2 x 450 ml (approx. 2 x 750g)
D-38391	Laborsil pro 70	2 x 1.2 l (approx. 2 x 1.9 kg)
D-38392	Laborsil pro 70	2 x 3.45 l (approx. 2 x 5 kg)

Laborsil pro 90

The extremely hard, kneadable laboratory putty made of addition-vulcanising silicone is a fast and break-resistant alternative to plaster.

Fields of application

- matrix
- embedding and insulation material for resin teeth in the flask technique
- control key
- bite fixation
- models for repairs or enlargements

D-38393	Laborsil pro 90	2 x 450 ml (approx. 2 x 750g)
D-38394	Laborsil pro 90	2 x 1.2 l (approx. 2 x 1.9 kg)
D-38395	Laborsil pro 90	2 x 3.45 l (approx. 2 x 5 kg)

Lab Silicones

Laborsil

User-friendly, condensation-vulcanising, modelling silicone for universal application in the laboratory. Available in 70 and 90 Shore A for the production of matrix, small repair models, to block out undercuts, etc.

Characteristics

- especially smooth
- non-sticky consistency
- easy and fast mixing
- very precise detail reproduction

Laborsil 70

Standard laboratory putty with medium final hardness for the complete dental technique.

- final hardness 70 Shore A
- very precise fitting
- slightly flexible characteristics
- putty = light blue, hardener paste = red

D-38380	Laborsil 70	2 kg tub putty, 2 x 20 ml tubes hardener paste, red, dosing spoon
D-38381	Laborsil 70	5 kg bucket putty, 100 ml tube hardener paste, red, dosing spoon
D-38382	Laborsil 70	20 kg bucket putty, 4 x 100 ml tubes hardener paste, red, dosing spoon



Laborsil 90

Laboratory putty with especially high, plaster-like final hardness.

- final hardness 90 Shore A
- very precise fitting
- millable
- putty = dark blue, hardener paste = red

D-38384	Laborsil 90	2 kg tub putty, 2 x 20 ml tubes hardener paste, red, dosing spoon
D-38385	Laborsil 90	5 kg bucket putty, 100 ml tube hardener paste, red, dosing spoon
D-38386	Laborsil 90	20 kg bucket putty, 4 x 100 ml tubes hardener paste, red, dosing spoon



Hardener paste

For condensation-vulcanising silicones (e. g. Laborsil).

D-48380R	Hardener paste	red	20 ml tube
D-48381R	Hardener paste	red	100 ml tube



Regofix transparent

Colour	transparent
Final hardness	70 Shore A
Processing time	40 sec. at 23 °C
Removal after	120 sec. at 37 °C
Consistency	medium-type 2
Recovery from deformation	> 99.9 %
Strain in compression	2.5 %
Linear dimensional change	< 0.02 %
Remaining strain in compression	< 0.01 %



Regofix transparent

Application

- matrix material for light-curing composites of anterior and lateral teeth
- for fast and uncomplicated manufacturing of x-ray splints
- ideal for controlled bite registration in difficult cases

Advantages

- final hardness of 70 Shore A
- easy cutting characteristics
- not opaque to x-rays
- colour: transparent

D-504876 Regofix transparent 2 x 50 ml double cartridges incl. 12 mixing tips, green

D-504877 Regofix transparent 8 x 50 ml double cartridges

Silfix

Precise embedding material on the basis of addition-vulcanising silcone for the production of complete dentures.

Characteristics

- developed for the denture pressing procedure
- ideal flow characteristics
- final hardness > 70 Shore A
- grants a safe fitting of teeth in the counter part
- available in 50 ml double cartridges or in 200 ml bottles

D-4311 Silfix 2 x 200 ml dosing bottles with mixing beaker

D-504310 Silfix 4 x 50 ml double cartridges

Example of use Regofix transparent



Lab Silicones

GumQuick

Addition-vulcanising silicone for the production of flexible gingiva masks in two variations. The flowing characteristics of GumQuick ensure exact working with excellent reproduction of details. The set comes with the insulation liquid DuoSep which enables a production of the mask directly in the impression.

Characteristics

- available in two final hardnesses
- colour adapted to natural gingiva
- optimal flowing characteristics
- no shrinkage
- stable during storage
- easy finishing with scalpel or rotating instruments
- easy and safe handling thanks to double cartridge system

GumQuick

Gingiva mask material especially developed for the C&B technique with very good tear-resistance and elongation values.

D-504842 GumQuick Set

Contents

- 2 x 50 ml double cartridges
- 12 mixing tips, light blue
- 10 ml bottle DuoSep

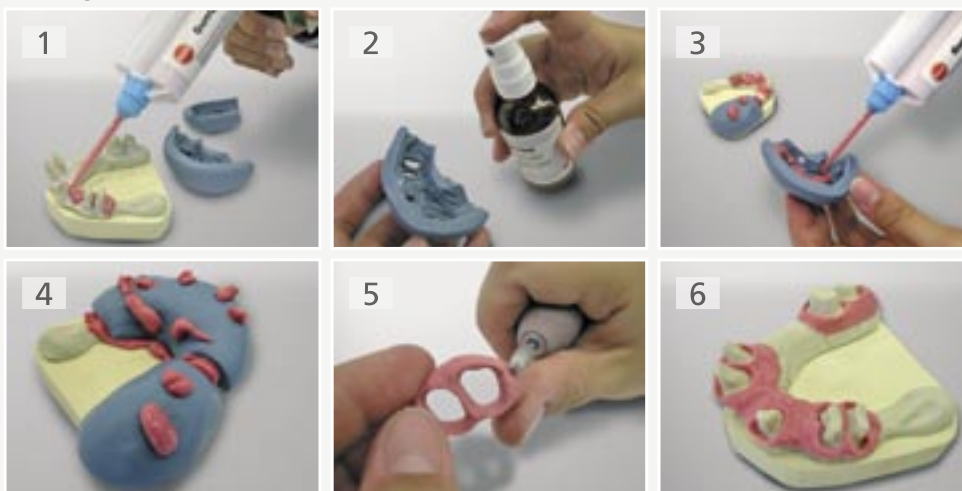
D-504888 GumQuick Refill 4 x 50 ml double cartridges

GumQuick

Processing time	1:30 min.
Removal after	6:30 min.
Final hardness	60 Shore A
Tear-resistance	4.5 MPa
Elongation at break	175 %



Example of use GumQuick



GumQuick implant

Processing time	1:30 min.
Removal after	6:30 min.
Final hardness	75 Shore A
Tear-resistance	3.9 MPa
Elongation at break	55 %



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.

D-504892 GumQuick implant Set

Contents

- 2 x 50 ml double cartridges
- 12 mixing tips, light blue
- 10 ml bottle DuoSep

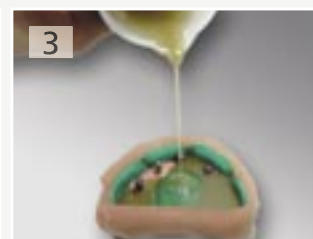
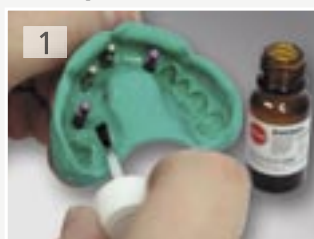
D-504898 GumQuick implant Refill 4 x 50 ml double cartridges

DuoSep

Insulation agent between addition-vulcanising silicone and polyether materials.

D-4306 DuoSep 10 ml bottle

Example of use GumQuick implant



Lab Silicones

MegaBase®

Permanently soft-remaining relining material on the basis of addition-vulcanising polysiloxanes. The auto-polymerising silicone is suitable for the direct (chair-side) and for the indirect production method. The application field comprises e. g. the relief of sore spots, the protective cover after an implant care, the improvement of the suction effect and many more.

Characteristics

- best final hardness of 30 Shore A, extremely tear-resistant
- safe and permanent compound between silicone and acrylate by a highly effective primer
- easy finishing thanks to enclosed grinding tools
- best surfaces due to auto-polymerising sealing lacquer
- supplied in double cartridges

D-5038220N MegaBase® Starter Kit

Contents

- 50 ml double cartridge with silicone
- 6 mixing tips, green
- 10 ml bottle MegaBase® adhesive
- 10 ml bottle MegaBase® lacquer
- 3 grinding tools
- notepad with care instructions for patients

D-5038220NR MegaBase® silicone 2 x 50 ml double cartridges

D-5038220NA MegaBase® adhesive 10 ml bottle

D-5038220NL MegaBase® lacquer 10 ml bottle



Example of use MegaBase®





Odontosil

Addition-vulcanising silicone for the production of orthodontic elasto-positioners. The vulcanisation at room temperature permits, besides the indirect flask method, also the direct application with the double cartridge directly onto the set up model.

Characteristics

- easy and user-friendly handling thanks to the double cartridge system
- available in final hardnesses of 50 and 60 Shore A
- with Odontosil positioners slight tooth corrections can be effected without any problems
- best tear-resistance due to highly functional polymers
- clear transparent
- system components are optionally available

D-5038150	Odontosil 50	2 x 50 ml double cartridges incl. 12 mixing tips, green
D-5038229	Odontosil 50	8 x 50 ml double cartridges
D-5038160	Odontosil 60	2 x 50 ml double cartridges incl. 12 mixing tips, green
D-5038227	Odontosil 60	8 x 50 ml double cartridges

Odontosil Stabinet

Stabilisation net made of resin to be inserted into Odontosil positioners.

D-38256	Odontosil Stabinet	7 x 200 cm
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Example of use Odontosil



Lab products

Odontosil lacquer

Soft-remaining, auto-polymerising lacquer to seal the surface of Odontosil positioners.

D-38231 Odontosil lacquer 50 ml bottle

Odontosil lacquer diluent

D-38255 Odontosil lacquer diluent 20 ml bottle



UltraTrimm

Flexible grinding wheels to treat soft materials.

Application field

- EVA thermo-forming plates for sports mouthguards (e. g. Drufosoft®)
- soft-remaining relining silicone (e. g. MegaBase®)
- positioner silicone (e. g. Odontosil)
- alternative to sandpaper for resin prosthodontics
- hard thermo-forming foils
- soft/hard thermo-forming foils (e. g. Kombiplast)

Characteristics

- three different final hardnesses for rough to fine finishing
- max. rotations: 15.000 rpm

D-43753 UltraTrimm light

Contents

- 12 grinding wheels Ø 28 mm/thickness 7 mm
- 4 support discs
- 1 mandrel

D-43752 UltraTrimm medium

Contents

- 12 grinding wheels Ø 28 mm/thickness 7 mm
- 4 support discs
- 1 mandrel

D-43751 UltraTrimm heavy

Contents

- 6 grinding wheels Ø 28 mm/thickness 14 mm
- 4 support discs
- 1 mandrel

D-43763 UltraTrimm light 80 grinding wheels
Ø 28 mm/thickness 7 mm

D-43762 UltraTrimm medium 80 grinding wheels
Ø 28 mm/thickness 7 mm

D-43761 UltraTrimm heavy 40 grinding wheels
Ø 28 mm/thickness 14 mm



Grinding cap holders/Grinding caps

Rotating instruments for the treatment of all soft-remaining dental materials.

Application field

- EVA thermo-forming blanks for sports mouthguards (e. g. Drufosoft®)
- soft-remaining relining silicone (e. g. MegaBase®)
- Positioner silicone (e. g. Odontosil)

Characteristics

- economic thanks to exchangeable corundum grinding caps
- grain 150 µm
- max. rotations: 20.000 rpm



Grinding cap holders

D-38230T-3	Grinding cap holder	round	Ø 14 mm	Size 3	(for Grinding caps item-no. D-38230S-3)
D-38230T-2	Grinding cap holder	round	Ø 9.5 mm	Size 2	(for Grinding caps item-no. D-38230S-2)
D-38230T-1	Grinding cap holder	round	Ø 6.5 mm	Size 1	(for Grinding caps item-no. D-38230S-1)
D-4459	Grinding cap holder	pointed	Ø 6.5 mm	Size 2	(for Grinding caps item-no. D-4462)
D-4458	Grinding cap holder	pointed	Ø 4.5 mm	Size 1	(for Grinding caps item-no. D-4461)



Grinding caps

D-38230S-3	Grinding caps	round	Ø 13 mm	Size 3	5 pieces	(for Grinding cap holder item-no. D-38230T-3)
D-38230S-2	Grinding caps	round	Ø 10 mm	Size 2	5 pieces	(for Grinding cap holder item-no. D-38230T-2)
D-38230S-1	Grinding caps	round	Ø 7 mm	Size 1	5 pieces	(for Grinding cap holder item-no. D-38230T-1)
D-4462	Grinding caps	pointed	Ø 7 mm	Size 2	5 pieces	(for Grinding cap holder item-no. D-4459)
D-4461	Grinding caps	pointed	Ø 5 mm	Size 1	5 pieces	(for Grinding cap holder item-no. D-4458)

Lab products

Modralit® 3K

Model die material on the basis of polyurethane for the production of precise models with absolutely lifelike and stable reproduction of dimensions. Thanks to its edge strength Modralit® 3K is especially suitable for the precious metal and non-precious metal technique and above all for shoulder and partial crown preparations. The Modralit® 3K set is sufficient for approx. 10 complete basing arches.

Characteristics

- pourable and easy-flowing
- accurate reproduction of details
- shrinkage < 0.05 %
- edge strength and abrasion resistant
- absolutely stable dimensions
- after only 1 h it can be cut and ground
- can be coated with standard lacquers
- Separator, a separating agent between Modralit® 3K and polyether impressions is optionally available
- colour: ivory

D-3926 Modralit® 3K Set

Contents

- 2 x 100 ml bottles basis
- 100 ml bottle hardener
- 400 g tub filler material
- mixing and dosing aids

Separator

Separating agent

Suitable for the insulation

- Polyether impressions/polyurethane model materials

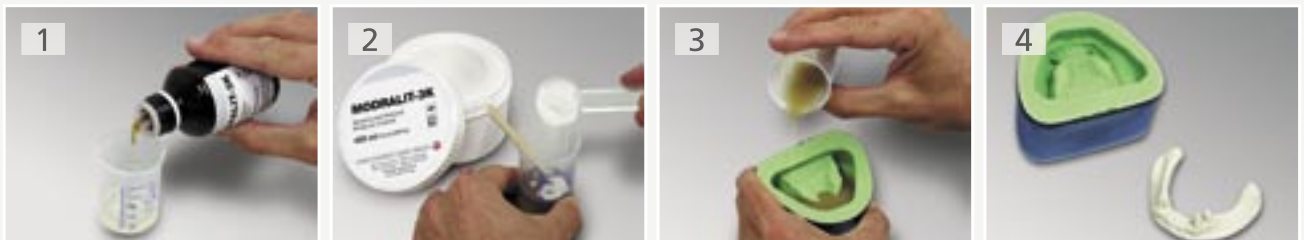
D-4305 Separator 50 ml bottle



Due to the high precision, Modralit® was used repeatedly as model material for the "Golden Parallelometer" (das dental labor).



Example of use Modralit® 3K





Isolat film

Heat-resistant, film-forming insulating agent on the basis of alginate for smooth surfaces free of pores with excellent separating effect.

Suitable for the insulation

- resin/plaster
- plaster/plaster
- silicone/plaster

D-4304	Isolat film	1 l bottle
D-4303N	Isolat film	5 l canister



Gelon

High-quality gel on the basis of agar-agar especially suitable for the model casting and denture pouring technique.

Characteristics

- especially hard and stable in form
- low shrinkage
- short curing times
- suitable for the model casting and denture pouring technique

D-38602	Gelon green	6 kg bucket
D-38601	Gelon transparent	6 kg bucket



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.

D-4395	GipsEx	2 x 1 l bottle
D-4396	GipsEx	5 l canister

Lab units

Dosper M5

Automatic mixing and dosing unit for thin-flowing, addition-vulcanising duplication silicones. The next generation of proven laboratory units with a new mixing head for S-50 mixing tips. This unit is for use of Dreve duplication silicones.

Advantages

- the components are mixed and dosed 1:1 at the touch of a button
- absolutely homogeneous and free of air bubbles
- new S-50 mixing head with spatial separated outlet – an unwanted mixture of the components A and B is impossible when fixing and removing the mixing tips
- savings of material and time by means of loss-free filling of several flasks with one mixing tip
- fast coupling for fixing 850 ml, 5.1 l resp. 21.2 l containers or re-fillable material reservoirs

Optionally available

- material reservoirs for 1.5 l duplication silicone (item-no. D-5021)
- connection hoses for 5.1 l (item-no. D-49362) and 21.2 l (item-no. D-49363) Dublisil® canisters

Technical data

- dimensions H = 330, W = 245, D = 370 mm
- weight 12.5 kg
- power consumption 250 W

D-5040 Dosper M5, 230 V/50-60 Hz

Inclusive

- 5 mixing tips
- 2 bottle adapters

D-5040-A Dosper M5, 115 V/60 Hz

Inclusive

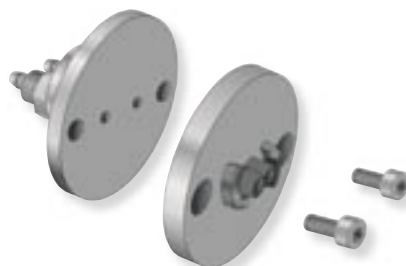
accessories as D-5040

Special voltage available on request

S-50 Mixing head retro-fitting set for Dosper units

S-50 mixing head with a modified tip reception, complete with screws for easy and quick assembly. Dosper units with a mixing head for 48 ml mixing tips can easily be converted to the new S-50 system with this assembly set. The S-50 mixing head has separated outlets – a mixing of the A and B component when fixing or removing the mixing tip is not possible. A blockage of the mixing head due to cured material is avoided and consequently a trouble-free operation of the unit is granted.

D-50456N S-50 Mixing head retro-fitting set, incl. 5 mixing tips





Material reservoirs for Dosper

Transparent containers made of stable plastic for duplication silicone. Equipped with a fast coupling for easy installation. Filling volume: 1.5 l/ per reservoir.

D-5021 Material reservoirs, 2 pieces



Storage racks

For storage of Dublisil® containers above the Dosper.

D-49364 Storage rack, small for 5.1 l canisters
dimensions: H = 371, W = 295, D = 214 mm



D-49365 Storage rack, large for 21.2 l canisters
dimensions: H = 665, W = 533, D = 322 mm



Connection hoses

For connection between Dublisil® canisters and Dosper.

D-49362 Connection hoses, 2 pieces for 5,1 l canisters
Length: 265 mm

D-49363 Connection hoses, 2 pieces for 21,2 l canisters
Length: 475 mm



Drain tap

For Dublisil® canisters.

D-49321 Drain tap for 5,1 l (6 kg) canisters

D-43921 Drain tap for 21,2 l (25 kg) canisters

Lab units

Labormat SD

Large, solid boiling-out unit for up to 12 flasks. Also suitable for polymerisation of denture resins.

Advantages

- high-grade steel housing
- continuously adjustable temperature from 0-95 °C
- individual spraying-time adjustment with a 6 minute timer
- 24-h timer
- hand spray gun included
- practical sliding lid
- instantaneous button for short boiling-out
- optionally installable or movable on castors

Optionally available

- flask baskets for 3 flasks (item-no. D-3604)
- 4 flask baskets fit into the Labormat SD

Technical data

- | | |
|---------------------|------------------------------|
| · dimensions | H = 940, W = 635, D = 660 mm |
| · weight | 75.0 kg |
| · power consumption | 3.1 KW |
| · water filling | 50 l |
| · temperature range | 0-95 °C |

D-3601 Labormat SD, 230 V/50 Hz

Inclusive

- water run-off/supply hose
- cleaning brush
- castors
- flask supporting plates
- collecting tank for waste water

Special voltage available on request

Filter mats

For collecting wax residues, plaster residues etc. when boiling-out in Labormat units.

D-36018 Filter mats 18 x 60 cm 10 pieces

- 2 Filter mats/Labormat SD
- 1 Filter mat/Labormat TH

Flask basket for Labormat units

Made of V2A, with plastic handle for 3 flasks.

D-3604 Flask basket

- 4 flask baskets fit into the Labormat SD
- 2 flask baskets fit into the Labormat TH





Labormat TH

Compact boiling-out unit for up to 6 flasks. Also suitable for polymerisation of denture resins.

Advantages

- high-grade steel housing
- continuously adjustable temperature from 0-95 °C
- individual spraying-time adjustment with a 6 minute timer
- hand spray gun included
- practical hinged lid
- instantaneous button for short boiling-out

Optionally available

- flask baskets for 3 flasks (item-no. D-3604)
- 2 flask baskets fit into the Labormat TH

Technical data

- dimensions H = 500, W = 570, D = 400 mm
- weight 38.0 kg
- power consumption 3.2 KW
- water filling 17 l
- temperature range 0-95 °C

D-3603N Labormat TH, 230 V/50 Hz

Inclusive

- cleaning brush
- flask supporting plates

Special voltage available on request



Base

With castors for Labormat TH.

Dimensions: H = 435, W = 590, D = 370 mm.

Special dimensions on request.



D-3607 Base

Unisol E

Effective descaler used for the care of strongly used wax boiling-out units (e. g. Labormat).

D-4383 Unisol E 2.5 kg tub



Unisol W

Concentrated wax-solving additive for a quicker and more intense cleaning of models in wax boiling-out units.

D-4392 Unisol W 2 x 1 l bottle

D-4393 Unisol W 5 l canister



Lab units

Polymax 1

Pressure polymerisation unit with a temperature of 95 °C for 1 brass flask including clamp resp. 2 Castdon flasks.

Technical data

· dimensions	H = 225, W = 295, D = 315 mm
· pressure pot	Ø 160 mm
· pressure pot depth	110 mm
· weight	10.2 kg
· power consumption	450 W at 115/230 V
· pressure min/max	3/5 bar
· temperature range	up to 95 °C

D-3429 Polymax 1 95 °C, red, 230 V 50/60 Hz

D-3429-A Polymax 1 95 °C, red, 115 V 50/60 Hz

D-34291 Polymax 1 95 °C, silver, 230 V 50/60 Hz

D-34291-A Polymax 1 95 °C, silver, 115 V 50/60 Hz

Inclusive

Pressure hose and water drain hose

Special voltage available on request

Polymax 1 (120 °C)

Identically constructed unit like the Polymax 1, however, with a temperature range up to 120 °C.

D-3428 Polymax 1 120 °C, red, 230 V 50/60 Hz

D-3428-A Polymax 1 120 °C, red, 115 V 50/60 Hz

D-34281 Polymax 1 120 °C, silver, 230 V 50/60 Hz

D-34281-A Polymax 1 120 °C, silver, 115 V 50/60 Hz

Inclusive

Pressure hose and water drain hose

Special voltage available on request

Polymax

Advantages

- continuously adjustable temperature for hot and cold polymerisates
- 90 minutes timer
- variably adjustable air pressure up to max. 5 bar (Polymax 5 up to max. 6 bar)
- automatic safety-sealing-system
- control by digital indication of time and temperature, pressure by manometer
- pressure pot made of special coated aluminium
- external housing made of hard-wearing PU
- housing cover made of stainless steel
- maintenance-free technique
- water drain valve
- when heating is switched off, unit is suitable for compression
- optionally available: perforated insert for models and repairs (item-no. 34251 for Polymax 1, item-no. 34252 for Polymax 3)





Polymax 3

Pressure polymerisation unit with a temperature range of up to 95 °C, for 3 brass flasks including clamp resp. 6 Castdon flasks.

Technical data

· dimensions	H = 440, W = 295, D = 315 mm
· pressure pot	Ø 160 mm
· pressure pot depth	300 mm
· weight	15.1 kg
· power consumption	900 W at 115/230 V
· pressure min/max	3/5 bar
· temperature range	up to 95 °C

D-3422 Polymax 3, red, 230 V 50/60 Hz

D-3422-A Polymax 3, red, 115 V 50/60 Hz

D-34221 Polymax 3, silver, 230 V 50/60 Hz

D-34221-A Polymax 3, silver, 115 V 50/60 Hz

Inclusive

Pressure hose and water drain hose

Special voltage available on request

Polymax 5

Pressure polymerisation unit with a temperature range of up to 95 °C, with infinitely variable pressure from 3 to 6 bar. Due to a particularly large pressure pot volume also suitable for large articulators, 3 brass flasks including clamp resp. 4 Castdon flasks.

Advantages

- especially large pressure pot volume suitable for large articulators
- continuously adjustable pressure of 3 to 6 bar

Technical data

· dimensions	H = 310, W = 345, D = 385 mm
· pressure pot	Ø 220 mm
· pressure pot depth	174 mm
· weight	16.9 kg
· power consumption	900 W at 115/230 V
· pressure min/max	3/6 bar
· temperature range	0 up to 95 °C

D-3423 Polymax 5, red, 230 V 50/60 Hz

D-3423-A Polymax 5, red, 115 V 50/60 Hz

D-34231 Polymax 5, silver, 230 V 50/60 Hz

D-34231-A Polymax 5, silver, 115 V 50/60 Hz

Inclusive

Pressure hose and water drain hose

Special voltage available on request



Lab units

Perforated insert

For inserting and extracting flasks, models etc. into and out of Polymax pressure pots.

D-34251 Perforated insert
for Polymax 1 – 95 °C and 120 °C

D-34252 Perforated insert for Polymax 3



Pneupress T

Universal pressure unit for pressure duplication and -embedding, as well as for the manufacturing of plaster models free of air bubbles.

Advantages

- 60 minutes timer
- permanent temperature of 37 °C possible
- horizontal pressure chamber, Ø 160 mm, depth 300 mm
- swivel lid with automatic sealing system
- continuously adjustable pressure up to 6 bar
- housing made of stainless steel

Technical data

- dimensions H = 310, W = 290, D = 415 mm
- pressure min/max 3/6 bar
- weight 16.5 kg
- power consumption 100 W

D-3480 Pneupress T, 230 V/50 Hz incl. pressure hose

D-3480-A Pneupress T, 115 V/60 Hz incl. pressure hose

Special voltage available on request



Polylux PT

Light-polymerisation unit with 5 and 10 minutes timer for laboratory and practice. Universal use in spectral range 300-500 nm due to combination of UVA and blue light.

Advantages

- very simple handling
- well designed, compact plastic housing, glare shield when chamber is closed
- high light intensity, short times of polymerisation
- operating life of light tubes 1,000 hours, simple replacement of light tubes
- incl. timer, time of polymerisation optionally 5 or 10 minutes

Technical data

- dimensions H = 115, W = 220, D = 300 mm
- weight 2.2 kg
- power consumption 100 W



D-38055T Polylux PT, incl. 5/10 minutes timer, 230 V/50 Hz

D-38055T-A Polylux PT, incl. 5/10 minutes timer, 115 V/60 Hz

Special voltage available on request

Spare light tubes

For Polylux units.



51514 Spare UVA-light tube, 9 W/78
per unit 2 UVA-light tubes are required

51517 Spare blue light tube, 9 W/71
per unit 1 blue light tube is required

Accessories

Mixing tips	Item-no.	Mixing ratio	Inner diameter	Pieces	Colour	Product
	D-4960	1:1	5.4 mm	40	transparent	only for Dosper M4
	D-4960-1			100		
	D-4970-1	1:1	5.4 mm	40	pink	Dosper M5 StoneBite® StoneBite® scan StoneBite® scan+ Silfix
	D-49701-1			100		
	D-4970-2	1:1	6.5 mm	40	green	Fresh® clear Fresh® heavy body Fresh® mono Fresh® scan Regofix MegaBase® Odontosil
	D-49701-2			100		
	D-4970-3	1:1	3.2 mm	40	light blue	GumQuick GumQuick implant
	D-49701-3			100		
	D-4970-4	4:1	3.2 mm	40	light blue	Fixtemp C&B Fixtemp x-ray
	D-49701-4			100		
	D-4970-5	1:1	4.2 mm	40	yellow	Fresh® light Fresh® model scan
	D-49701-5			100		
	D-4970-6	1:1	2.5 mm	40	brown	Fixtemp cement Fresh® green Fit
	D-49701-6			100		
	D-4981	5:1	6.0 mm	50	yellow	Fresh® 380 ml Zerosil® soft
	D-4982			15		



DS 50 Injector

Dosing unit for S-50 double cartridges. Available in two versions for double cartridges with mixing ratio 1:1 and double cartridges with mixing ratio 4:1.

D-5007 DS 50 Injector 1:1

D-5008 DS 50 Injector 4:1



DL 05 Injector 1:1

Dosing unit for 5 ml double syringes (e. g. for Fixtemp cement).

D-5009 DL 05 Injector 1:1

Tips

For mixing tips for intra-oral application.



D-49602 Tips, transparent
(e. g. for Fresh® clear) 40 pieces



D-49604 Tips, yellow
(e. g. for Fresh® light) 40 pieces

Application tips

For mixing tips for intra-oral application.



D-49603 Application tips, transparent
(e. g. for StoneBite®) 40 pieces

Application tips

For dosing syringes for intra-oral application.



D-2308 Application tips, black
(e. g. for Fixtemp Repair) 0.9 mm 15 pieces



Bayonet ring

For 380 ml cartridges.

D-4980 Bayonet ring, yellow 1 piece

Register

A

Applications tips – for Fixtemp Repair
Application tips – transparent

B

Base – with castors, for Labormat TH
Bayonet ring
BioBleach® hard – 0,5 mm
BioBleach® soft – 1 mm
Biolit D
Biolon
BlueSpray
BlueSpray+

C

Canal piercing instrument
Castdon Base powder
Castdon Bonding
Castdon Color Monomer
Castdon Color powder
Castdon dosing aids
Castdon flask
Castdon Intense powder
Castdon Liquid
Castdon powder – pink-opaque
Castdon powder – pink-transparent
Castdon powder – transparent
Castdon Starter Kit – pink-opaque
Castdon Starter Kit – pink-transparent
Cenit L
Cleaner
Connection hoses – for 21,2 l (25 kg) canisters
Connection hoses – for 5,1 l (6 kg) canisters

D

DentureArt System Pack
DL 05 Injector 1:1
Dosper M5
Drain tap – for 21,2 l (25 kg) canister
Drain tap – for 5,1 l (6 kg) canister
Drufolen H
Drufolen W
Drufomat scan
Drufosmart
Drufosmart scan
Drufoplast – 2 mm
Drufoplast – 3 mm
Drufoplast – 3 mm, (includes tray handle)
Drufoplast tray handles – flat
Drufoplast tray handles – formed
Drufosoft®
Drufosoft® bicolour
Drufosoft® colour
Drufosoft® colourmix
Drufosoft® Primer
Drufosoft® pro – 3 mm
Drufosoft® Shell
Drufosoft® Shell – colourmix
Drufosoft® Shell Starter Set
Drufosoft® tricolour – 3 mm

77 DS 50 Injector 1:1
77 DS 50 Injector 4:1
Dublisil® 15
Dublisil® 20
Dublisil® 22
Dublisil® 30
Dublisil® flask – with foamed space maintainer
DuoSep

F

Fillin – blocking out material
Filter mats
Finishing Liquid
Fixtemp C&B
Fixtemp cement
Fixtemp Fill
Fixtemp x-ray
Fixtemp Repair Set
Fixtemp Seal & Repair
Flask basket
Foamed space maintainers – for Dublisil® flask
Foil scissors
Fresh® adhäsiv
Fresh® clear
Fresh® green fit
Fresh® heavy body
Fresh® light
Fresh® model scan
Fresh® mono
Fresh® putty
Fresh® scan
Funky tool

G

Gelon
GipsEx
Granules – recommended for Drufomat units
Grinding caps – round
Grinding caps – pointed
Grinding cap holder – round
Grinding cap holder – pointed
GumQuick
GumQuick implant

H

Hardener paste

I

Isolat film
Isopor rubber

K

K7 insert – for Drufomat units
Kombiplast – 1,8 mm
Kombiplast – 3 mm

L

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Lightplast lacquer	52
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General Terms and Conditions

§ 1 Application

- (1) The terms and conditions set out below shall form part of the agreement concluded with us.
- (2) Our General Terms and Conditions shall apply in accordance with the most recent version and to all subsequent transactions without any need of express reference thereto or agreement thereon at the conclusion of such transaction and shall also apply if we perform delivery despite our knowledge of differing or contrary terms
- (3) These terms and conditions shall only apply vis à vis merchants, governmental entities, or special governmental estates within the meaning of § 310 (1) BGB (German Civil Code).
- (4) These terms and conditions apply exclusively. Differing or contrary terms shall not apply except if expressly agreed upon in writing.

§ 2 Offers, Acceptance

- (1) Our offers shall not be binding; in particular with reference to quantities, price and delivery time.
- (2) Orders placed by the Buyer shall not be regarded as accepted before these have been confirmed by us in writing. If we should fail to confirm an agreement in writing which we have entered into verbally or in a telephone conversation, then our invoice shall be regarded as confirmation.

§ 3 Prices

- (1) Our prices are ex works, exclusive of any statutory VAT which shall be payable at the date of delivery and exclusive costs of packaging and delivery, except as otherwise expressly agreed upon.
- (2) If, as a result of a change of law between the agreement date and the delivery date, additional or increased charges – in particular duties, levies, currency compensation payments, shall be payable, then we shall have the right to increase the purchase price accordingly. The same shall apply to any fees for examination.

§ 4 Payment

- (1) Payment shall be made within 30 days strictly net from date of invoice. New export customers are only supplied after payment is received, i. e. cash in advance.
- (2) We shall accept promissory notes and cheques only upon specific arrangement and only on account of payment. Any fees for discount bills or promissory notes shall be at the expense of the Buyer and immediately payable.
- (3) If the invoice amount shall not have been settled within 30 calendar days after the date of invoice or as at another due date, then we shall without the need to a separate warning notice have the right to recover default interest in a proven amount but in any event an amount equalling 8 % above the base rate of the European Central Bank.
- (4) If the Buyer's business shall be operated beyond the ordinary course of business which shall include, without limitation, acts of seizure or a situation where a protest in relation to promissory notes or cheques has been made, payments shall be delayed or even discontinued or judicial or out of court settlement or insolvency proceedings shall have been petitioned or opened or proceedings in accordance with the German insolvency Act shall have been petitioned, then we shall have the right to declare all our claims arising from the business relationship as immediately payable, even if we shall have accepted promissory notes or cheques. The same shall apply if the Buyer shall be in payment default towards us or other incidents shall surface which give rise to doubts about its creditworthiness. Moreover, we may in such event demand prepayments or a security deposit or rescind the agreement.

§ 5 Quantity, Quality, Labelling

- (1) At all times, we shall have the right for custom-made products to supply 10 % more or less than the agreed amount.
- (2) We shall have the right to reasonable delivery in instalments.

§ 6 Shipment, Delivery

- (1) The goods shall be transported uninsured and in any event at the risk of the Buyer. This shall also apply in cases of any delivery free of charge and regardless of which means of transport shall be used. Any transport insurance shall be provided only upon express demand of the Buyer. Any costs arising therefrom shall be at the expense of the Buyer only.
- (2) The selection of the place of dispatch and the transport route and the means of transport shall, in the absence of any written arrangement dictating otherwise, be subject to our reasonable discretion and be without liability for the cheapest and fastest transport.

- (3) If the Buyer provides the means of transport, then he shall be responsible for its availability on time. We shall immediately be informed of any delays. Any costs arising therefrom shall be at the expense of the Buyer.
- (4) Our delivery obligation shall at all times be subject to timely and orderly receipt of the goods from our own suppliers.
- (5) Unless otherwise expressly agreed in writing, any indicated time of delivery or unloading shall be non-binding.
- (6) Any inability to supply as a result of force majeure or other unforeseen incidents outside our responsibility including, without limitation, strike, lock out, acts of public authorities, subsequent cease of export or import opportunities and our reservation of timely supply from our own supplies in accordance with subsection (5) above shall, for their duration and in accordance with their impact, relieve us from the obligation to comply with any agreed time for delivery and unloading. Further, the above inability to supply gives us the right to withdraw from the contract without giving the right to the Buyer to claim for indemnity or other rights.
- (7) If any agreed time of delivery or unloading shall be exceeded and there shall be no incident referred to in subsection (6) above, then the Buyer must specify to us a reasonable cure period of minimum two weeks. If we shall fail to meet such deadline also, then the Buyer shall have the right to rescind the agreement but shall have not right to seek compensation for breach of contract or default unless in cases of wilful misconduct or gross negligence on our part.

§ 7 Duty of Inspection and Objection

- (1) Upon delivery at the agreed destination or in the event of self supply upon taking possession, the Buyer shall immediately control the goods and conduct a quality check representatively on a spot check basis.
- (2) The Buyer shall notify the defect directly upon receipt of the goods. If the Buyer fails to notify this defect the goods shall be deemed to be accepted unless it is a defect that was not visible during the control. Further, we refer to §§ 377 et seq. HGB (commercial code).

§ 8 Warranty

- (1) A cancellation of the contract, in whole or in part, is possible as long as the order has not been processed. We do not accept any responsibility for cancellation requests which are not received in due time. The Buyer is obligated to accept the order if the cancellation is submitted late.
- In individual cases, fair consideration will be given to requests for retroactive cancellation or the exchange of defect-free consignments. We reserve the right to charge lump-sum compensation for expenses in the amount of 10 % of the net order value in such cases. Exchanges or return deliveries are subject to our prior agreement and may not be shipped freight forward.
- If the Buyer, contrary to agreement, returns the goods freight forward, he shall be obligated to bear the costs billed to him by our company to cover the expenses. The costs in this case shall comprise the remuneration which is due and lump-sum compensation for expenses in the amount of 10 % of the net order value.
- (2) In case the defects are not remedied within a reasonable time or if the repairs fail to remedy the defects, the Buyer is entitled to reduce the purchase price or to withdraw from the contract.
- (3) The right of the Purchaser to bring actions arising out of defects shall in all cases be in lapse 1 year after the date of delivery.
- (4) The warranty obligation does not refer to natural wear and tear nor to damage occurring after the transfer of risk due to improper or unsuitable handling, excessive stressing, unsuitable operating material, and chemical, electrochemical or electrical influences of a nature not provided for according to the contract. On improper alterations or repairs or maintenance carried out by the Purchaser or third parties our warranty obligations and liability for consequences caused thereby are rendered void.
- (5) Our retreated units are thoroughly checked before they are sold. Anyhow, we are not liable for any material deficiency.

§ 9 Liability

Otherwise we are liable according to legal rules as far as we have culpably infringed a constitutive contract obligation; in this case however the liability for indemnity is limited to the predictable, typically incurred damage. The liability due to culpable injury of life, body or health remains unaffected. The same is valid for the compulsory liability according to the product liability rule. Any liability not expressly provided for above shall be disclaimed.

§ 10 Retention of Title

- (1) We shall retain full title of the goods that have been delivered until the Buyer has discharged all claims arising from the business relationship which shall include any account balance and claims from refinancing or reverse promissory note.
- (2) The Buyer shall have the right to dispose of the goods delivered by us within the ordinary course of business and shall be authorised to collect any receivables arising from the resale of goods. The authority granted hereunder shall cease in the cases referred to in § 4 (4) above. Moreover, we may withdraw the sales authority of the Buyer through written notice if it shall be in breach of any obligation owed to us and shall in particular be in payment default or we shall become aware of other incidents that give rise to doubts about its creditworthiness.
- (3) The Buyer's right to process the goods delivered shall also be subject to the limitations set out in subsection (2) above. The Buyer shall not acquire title to the fully or partly processed goods; the processing shall be free of charge for our benefit as Manufacturer in the sense of § 950 BGB (German Civil Code). If we should, for whatever reason, lose our rights under the retention of title, then it is hereby agreed between us and the Buyer that we shall acquire title upon processing of the goods and the Buyer shall remain custodian of the goods which shall be free of charge.
- (4) If the goods in which we have retained title shall be inseparably assembled or mixed with goods that are third party property, then we shall acquire co-title in the new goods or the mixed stock. The proportion of title shall follow from the proportion of the invoice value of the goods delivered by us under retention of title and the invoice value of the other goods.
- (5) Goods in which we shall acquire sole or co-title in accordance with subsection (3) and (4) shall, the same as with regard to the goods delivered under retention of the title according to subsection (1) above, be regarded as goods delivered under retention of title for the purposes of the following paragraphs.
- (6) The Buyer hereby assigns to us all claims arising from the resale of the goods delivered under retention of title. Such claims shall also include claims against the bank which, within the scope of such sale, shall have issued or confirmed a letter of credit for the benefit of the Buyer (=reseller). We hereby accept such assignment. If the goods delivered under retention of title shall be a processed good or a mixed stock, where, in addition to the goods delivered by us, only such goods exist that are either the Buyer's property or a third party property as a result of a (simple) retention of title, then the Buyer shall assign all of the claim arising from the resale. In the other case, i. e. in the event of a conflict between pre-assignment claims by other suppliers, we shall be entitled to receive any resale proceeds on a pro rata basis which shall be determined in proportion to the invoice value of our goods and the other processed or mixed goods.
- (7) Insofar as the above securities exceed the secured claim by more than 10%, we are obligated, upon our election, to release such securities upon the purchaser's request.

§ 11 Final Provisions

- (1) This contract shall be governed by the laws of the Federal Republic of Germany excluding the Convention on Contracts for the International Sale of Goods.
- (2) Place of performance and exclusive place of jurisdiction for all disputes arising out of or in connection with this contract shall be Unna/Germany.
- (3) The invalidity of any provision of these general terms and conditions shall not affect the validity of the other provisions. Invalid provisions shall be deemed to be replaced by such valid provisions that shall be suitable to implement the economic purpose of the deleted provision to the greatest extent possible.

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