

expensed sears

Catalogue 2023/2024

New Products:

Eco-Modelling Wax
3-D Printing Liquids
PMMA Refill-Autopolymer
Extra hard sheet wax
Zirconia Blocks
(special flyer)

MORE EFFICIENCY WITH MORS A





Established 125 years ago, MORSA has more than a century of experience within the dental profession. MORSA products are renowned among dentists, dental technicians, and private label clients for their quality, durability and predictability.

For more than a century we at MORSA GmbH GERMANY have produced dental materials that meet the most demanding expectations when it comes to quality and reliability. We are an innovative enterprise whose different departments are run by expert specialists. Since that long time we have sold our products over distributors in more than 50 countries worldwide based on the principles of stability and accountability. Our main production facility, company headquarters and distribution center is situated in Krumbach (Germany) not far from Munich with production and sales cover approximately 8100 m² of space. We produce waxes and also other materials for different other branches, for example for orthopaedics, epithetics, cytology, investment casting industry and for technical applications. As a prominent player in the worldwide OEM market we manufacture private label products for suppliers all over the world since many decades. We are ready to expand our international engagement with competent dealers who will sell our excellent quality products as their private label.

Quality and control:

Based on modern quality management systems our production is subject of strong quality control with continuous improvements in production processes and efficiency. The high quality of MORSA products and raw input material is furthermore controlled in our own laboratory. In addition in our modern research and quality control department of MORSA Dental new product lines have been created and special methods for finest filtering of the raw material has been developed to top the increasing quality requests in this field. Because of this MORSA has gained international reputation for exceptional quality, reliability and innovation. MORSA products are manufactured to ISO 13485:2016 and to ISO 9001:2008

New parameter for assessing MORSA waxes

Due to the ever increasing demands on dental waxes, in this new MORSA catalogue we have given our range of waxes additional technical parameter, e.g. average setting point, melting point, dropping point, ash content, penetration. In particular the ash content of the wax gives the user important information on whether the wax has the ability to combust without leaving a residue. The lower the penetration value, the harder the wax.

Principles

The MORSA brand name is a byword for reliability, premium quality, and outstanding service. As a medium-sized, family owned and managed organisation small enough to act flexibly, independently, and consistently.

WORLD OF DENTAL WAXES





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"The improvement of dental waxes, especially that for the CAD/CAM — technology, is game-changing for our work"











CAD/CAM MATERIALS







1.1 CAD/CAM Waxblanks for Pressable Ceramics

New techniques demand new materials.

Just in the past few years, options provided by CAD/CAM technology have developed at such a high pace that the necessary materials could only be developed in the second instance. Our search for the appropriate waxes for this technology did not convince us of resinenriched wax blanks.

The 98 mm blanks are also available in 14, 16, 18, 20, 25 and 30 mm sizes.



Carving or adding is as easy as producing a regular outline wax. Easy to cast, press and to carve.

Properties:

Drop melting point: 77 -83 °C

Penetration: 1 - 5

Order no. DR 000 920 HD 806-20 yellow, 98.5 x 20 mm, 1 piece

Order no. DR 000 930 HD 805-20 cream, 98.5 x 20 mm, 1 piece

1.2 CAD/CAM Millable Waxblanks for Casting

Waxblanks are synthetic wax blanks for the fabrication of wax models. These special wax blanks are not intended for intra-oral use! They burn out without trace. For up to 30 units. The material can be used to make frameworks for crown and bridge models. These models can be used in the lost wax process when casting, when making dental restorations. Leaves no residue and easily machined with a low coefficient of thermal expansion.

The 98 mm blanks are also available in 14, 16, 18, 20, 25 and 30 mm sizes see overview page 7 and in different colors



Properties:

Chem. composition:

synthetic wax

Odour: odourless

Colour: white opaque / yellow

Drop melting point: 100 -130 °C

Density: 0,97 g/cm3

Solubility in water: not soluble

Order no. 000 900 HD 830-20 white, 98.5 x 20 mm, 1 piece

Order no. DR 000 950 HD 830-20 grey, 98.5 x 20 mm, 1 piece

Order no. DR 000 970 HD 830-20 blue, 98.5 x 20 mm, 1 piece

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1.4

NOVELTY IDS 2021 TRI-COLOR WAX-BLANK

new way in diagnostic and aesthetic ZTM Rudolf Reil, Naburg

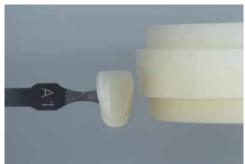


Advantages for laboratory and dentists:

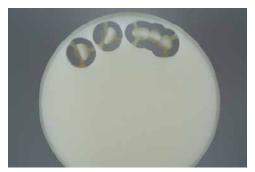
- o Fitting of esthetic wax-ups in the patient's mouth
- o consultation between dentist and laboratory
- o inexpensive fast processing
- o very good processing for shape changes during patient consultation
- o quick subtractive and additive changes can be implemented immediately
- o can be used for press ceramics
- o Multifunctional esthetic wax for multiple indications, brilliant in processing

C C Order no. DR 000 999 HD 830-20















Overview Wax Blank Sizes

Farbe/color:	weiß/white	grau/grey	blau/blue	pink/pink	creme/cream
Stärke/thickness:					
10	DR000900HD830-10	DR000950HD830-10	x	x	x
12	DR000900HD830-12	DR000950HD830-12	DR000990HD830-12	×	X
14	DR000900HD830-14	DR000950HD830-14	DR000970HD830-14	х	DR000930HD804-14
16	DR000900HD830-16	DR000950HD830-16	DR000970HD830-16	x	X
18	DR000900HD830-18	DR000950HD830-18	DR000970HD830-18	х	X
20	DR000900HD830-20	DR000950HD830-20	DR000970HD830-20	x	DR000930HD804-20
25	DR000900HD830-25	DR000950HD830-25	DR000990HD830-25	x	x
30	X	X	x	DR000732HD830	X

1.5 MORSA CAD Wax gingiva - Prothetik

For making functional try ins and individual bite rims in the complete denture technique

The discs can also be used for conventional finishing procedures in injection and pressing

techniques - the ability to boil it out for wax removal makes it possible

MORSA CAD Wax gingiva



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Order no. DR 000 732 HD 830-M



FULL AND PARTIAL DENTURE PROSTHETICS







MORSA'S LEADING RANGE OF PERFECTLY GRADED MODELLING WAXES.

MORSA waxes comply with ISO 15854. Each wax has a precisely controlled softening profile.



(Set-up wax/modelling wax/baseplate wax)

All sheet waxes are fully combustible: Ash Content: 0.000-0.005



High quality elastic plate wax for the whole resin prosthetics. Composition based on a perfect combination of microwaxes, paraffin, natural waxes and bees' waxes. High edge and breaking stability as well as extremely low thermal contraction. It can be modelled and cut very well

- the top-selling MORSA sheet wax
- made from the best raw materials very high bees' wax content
- two different seasonal qualities for summer and winter
- two different sheet thicknesses 1.25 mm and 1.5 mm
- pleasant elastic quality during processing
- low degree of thermal contraction when cooling down
- no risk of unintentional changes in the set-up
- precise reproductive accuracy
- good wax-up characteristics
- · high strength
- setting point: 59 °C for summer wax / ash content 0.002
- setting point: 57 °C for winter wax / ash content: 0.000
- sheet size: 175 x 80 x 1.25 mm and 175 x 80 x 1.5 mm
- available in 500 g / 2.500 g



Order no. DM 000 106 VA 804 Summer 175 x 80 x 1.25 mm, 500 g

Order no. DM 000 108 VA 804 Summer 175 x 80 x 1.50 mm, 500 g

Order no. DM 000 102 VA 804 Summer 175 x 80 x 1.25 mm, 2.5 kg

Order no. DM 000 104 VA 804 Summer 175 x 80 x 1.50 mm, 2.5 kg

Order no. DM 000 107 VA 804 Winter 175 x 80 x 1.25 mm, 500 g

Order no. DM 000 109 VA 804 Winter 175 x 80 x 1.50 mm, 500 g

Order no. DM 000 103 VA 804 Winter 175 x 80 x 1.25 mm, 2.5 kg

Order no. DM 000 105 VA 804 Winter 175 x 80 x 1.50 mm, 2.5 kg





2.1.2 Sheet wax Top-Techno

High-grade all-round plate wax. Harder than special summer. Light elasticity and light adhesiveness during fixing teeth.

- Especially cost-effective
- All-round wax for the entire range of prosthodontics
- quick to set after application
- · pleasantly during processing
- low degree of thermal contraction when cooling down
- no risk of unintentional changes in the set-up
- precise reproductive accuracy
- good wax-up characteristics
- · high strength
- setting point: 59 °C / ash content: 0.002
- sheet size: 175 x 80 x 1.25 mm
- available in 500 g / 2.500 g



Order no. DM 000 129 VA 804

175 x 80 x 1.25 mm, 500 g

Order no. DM 000 130 VA 804 175 x 80 x 1.25 mm, 2.5 kg

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2.1.3 Baseplate wax Extra Hard Super

is a high temperature stability modelling wax. This wax is comfortable to model because it is stiff but not brittle and can be well cut without distortions

the ideal summer wax even at high temperatures

- quick to set after application
- pleasantly during processing
- low degree of thermal contraction when cooling down
- no risk of unintentional changes in the set-up
- precise reproductive accuracy
- good wax-up characteristics
- high strength
- setting point: 65° C / ash content: 0.000
- sheet size: 175 x 80 x 1.25 mm
- · available in 500 g



Order no. DM 000 101 VA 804 175 x 80 x 1.25 mm, 500 g

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2.1.4 Sheet cast wax 1184

Red and hard quality very opaque



Order no. DM 000 199 VA 804 175 x 80 x 2.0 mm, 2.5 kg



2.1.5 Sheet wax Future

- Best quality wax, suitable for the entire range of prosthodontics
- high bees wax content
- two different sheet thickness 1.25 mm and 2 mm
- very cost-effective
- high strength
- setting point: 59° C / ash content: 0.004
- sheet size: 175 x 80 x 1.25 mm
- available in 500 g / 2.500 g



FUTUR 500

MORSA



Order no. DM 000 133 VA 804 175 x 80 x 1.25 mm, 500 g

Order no. DM 000 134 VA 804 175 x 80 x 1.25 mm, 2.5 kg

Order no. DM 000 135 VA 804 175 x 80 x 2.00 mm, 500 g

Order no. DM 000 136 VA 804 175 x 80 x 2.00 mm, 2.5 kg

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2.1.6 Set-up wax Euro

This softer wax is very easy to model and cut.

During shaping EURO does not reset and offers a high adhesive strength without sticking. Versatile wax for resin prosthetics.

- · High modelling capability
- Edge stable
- Elastic and plastic
- All-round wax für the entire range of prosthodontics
- quick to set after application
- low degree of thermal contraction when cooling down
- no risk of unintentional changes in the set-up
- good wax-up characteristics
- setting point: 55° C / ash content: 0.000
- sheet size: 175 x 80 x 1.25 mm
- · available in 500 g

Order no. DM 000 123 VA 804 175 x 80 x 1.25 mm, 500 g

Order no. DM 000 124 VA 804 175 x 80 x 1.25 mm, 2.5 kg

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2.1.7 Modelling wax Standard

Very cost effective all-round modelling wax.

Setting point: 57 °Cash content: 0.005

sheet size: 175 x 80 x 1.25 mmavailable in 500 g / 2.500 g



Order no. DM 000 138 VA 804 175 x 80 x 1.25 mm, 500 g

Order no. DM 000 139 VA 804 175 x 80 x 1.25 mm, 2.5 kg

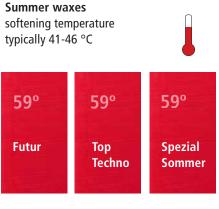
Order no. DM 000 141 VA 804 175 x 80 x 1.50 mm, 500 g

Order no. DM 000 142 VA 804 175 x 80 x 1.50 mm, 2.5 kg

Order no. DM 000 147 VA 804 175 x 80 x 2.00 mm, 500 g

Order no. DM 000 148 VA 804 175 x 80 x 2.00 mm, 2.5 kg







NEW

2.1.8 Beauty hard ARTICULAR

The new Beauty hard set-up is characterized by its very high hardness and exceptionally high exceptionally resistance to distortion.

Distortion of the wax-up is therefore prevented even during longer try-ins. The slight tackiness of the wax supports the fixation of the teeth.

Temperature-resistant, hard, four-seasons setting-up wax with high softening temperature.

Used for setting up denture teeth in wax for all prosthetic restorations, e.g. equally suitable for partial and full acrylic dentures, chrome cobalt saddles, immediate and temporary dentures and extensions.

The natural-looking gingival shading corresponds to hot and cold curing denture acrylics.



- · High flow temperature enables longer try-ins and use of duplicating gels
- · Minimum spring-back (low)
- · High shape and dimensional accuracy
- · Low setting contraction, minimum warpage of the set-up after cooling

Features:
It was particularly important to us that at 35°C (mouth temperature) the wax must not be softer than at 22° or 18°; so when it is tried in the mouth it is still HARD and pressure / bite resistant.
It should be easily formable into a roll, which can be securely attached to the base plates and glued to the base plates.

Important: The wax has a long processing range

and thus allows the technician sufficient time for the tooth set-up. The adhesive strength of the wax fixes the teeth securely in the wax denture.

Dimensionally stable even with longer try-ins.

Beauty hard ARTICULAR Inhalt: 500g · Thickness: 2mm

Color: pink,

for taking bite occlusal records

Size: 175 x 80 x 2mm

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VE: 500q

Order no: DM000194VA804

NEW

2.1.9 ECO-Natural Modelling Wax

more ecologically friendly modelling wax with higher natural wax ingredientes like re-growing palm waxes, carnauba wax, beeswax and candellila-wax

Size: 175 x 80 x 2mm

Order no: DM0200VA804

VE: 500g





2.1.10 Quick-Bite Stop-Spacer Innovative Orthodontic bite wax - patented

Article.Number : DBSH0001 20 Pieces per Package

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- Innovative bite wax for use in splint therapy, sleep medicine and orthodontics. Patented by Prof. Godt / Schweizer, Dental Technician.
 Easy, reliable bite registration with defined occlusal height using integrated stops.
- Wax bite with defined occlusal height (2 mm) for use in orthodontics, sleep medicine, bruxism appliances and bite-lifting appliances.

Easy, reliable use. Using this bite wax your team will be able to take reliable, reproducible bite registrations, highly improfed speed (quickly heated, quickly cooled). For reliable bite registration with orthodontic appliances, bruxism and bite-raising appliances, in sleep medicine.



- The wax bite must be immersed in a 45°C warm water tank for 20-25 seconds before use.
 After insertion in the mouth and slight adaptation to the upper or lower dental arch, the lower jaw should be moved to the target position.
 The patient should then bite slowly together until she/he feels noticeable resistance and stops.
 The bite can then be removed and checked visually.
 The correct bite depth is identified by the colourings of the impressions.
- The wax bite can be used in the dental lab in the usual way.

















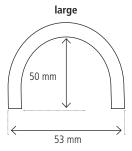


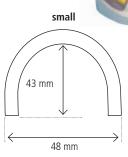


2.2.1 Occlusal rims, preformed (horse shoe shaped)

- for the production of full occlusal rims
- performed dental arches
- no more time consuming re-shaping of preformed party required
- Optimal fit on the alveolar ridge due to basal groove
- quickly adaptable to every oral situation
- quick and easy to re-shape when in a warmed state
- form stability after cooling guarantees accurate bite registration
- simplified visual control due to opaque colours
- available in three hardnesses and three colours: soft = yellow penetration: 30 medium hardness = red penetration: 25 hard = pink penetration: 23
- available with strawberry flavour, red, penetration: 28
- available in two sizes each with 100 pcs. small rim = Standard: height 10 mm, length 43 mm, width 48 mm large rim = Standard: height 12 mm, length 50 mm, width 53 mm





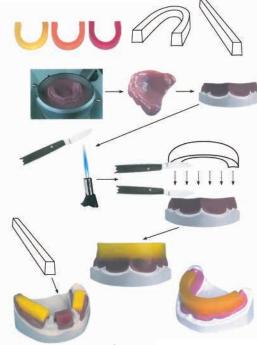


Order no. DB 000 115 AU 804 large, red (medium hardness), 100 pcs.

Order no. DB 000 116 AU 805 small, pink (hard), 100 pcs.

Order no. DB 000 117 AU 805 large, pink (hard), 100 pcs.

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2.2.2 Bite registration wax in rods

- for the production of partial occlusal rims
- for placing onto partial metal denture saddles
- for accurate bite registration
- on warming, as tough as bees' wax
- · stable after cooling
- simplified visual control due to opaque colours
- available in three different hardnesses and three colours yellow = soft, penetration: 30 rod = medium hardness, penetration: 25 pink = hard, penetration: 23
- 108 x 10 x 10 mm
- available in 490 g / 1.850 g

2.2.3 Occlusal rim wax in rods

- for the production of full occlusal rims
- for placing onto partial metal denture saddles
- for accurate bite registration
- on warming, as tough as bees'wax
- stable after cooling
- simplified visual control due to opaque colours
- available in three different hardnesses and three colours: yellow = soft, penetration: 30 rod = medium hardness, penetration: 25 pink = hard, penetration: 23
- 108 x 10 x 10 mm
- available in 2.000 g



new with basal groove

Order no. DB 000 101 AU 803 yellow (soft) 108 x 10 x 10 mm, 490 g

Order no. DB 000 102 AU 804 red (medium hardness) 108 x 10 x 10 mm, 490 g

Order no. DB 000 103 AU 805 pink (hard) 108 x 10 x 10 mm, 490 g

Order no. DB 000 201 AU 803 yellow (soft) 108 x 10 x 10 mm, 1.850 g

Order no. DB 000 202 AU 804 red (medium hardness) 108 x 10 x 10 mm, 1.850 g

Order no. DB 000 203 AU 805 pink (hard) 108 x 10 x 10 mm, 1.850 q

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Order no. DB 000 105 AU 803 yellow (soft), 180 x 10 x 10 mm 500 q

Order no. DB 000 106 AU 804 red (medium hardness) 180 x 10 x 10 mm, 2.0 kg

Order no. DB 000 107 AU 805 pink (hard), 180 x 10 x 10 mm 2.0 kg

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- clearly recognisable impression
- stable wax sheets (2 mm thickness) with a high aluminium content
- process in a warmed state
- heat up in warm water or using a Bunsen burner
- · colour: silver
- setting point: 22 °C, penetration: 18
- sheet size: 175 x 80 x 2 mm
- available in 12 sheets / 250 g

Order no. DB 000 104 HA 806 silver, 175 x 80 x 2.5 mm, 250 g

Order no. DR 000 102 VA 805 red, 175 x 80 x 2.5 mm

2.4 Functional edge and impression tray extension wax

- · high degree of plasticity
- exact dorsal dam
- adequately adhesive
- melting point: 70 74 °C
- dimensions: ø 5 mm, 185 mm long
- available in 32 sticks / 110 g

2.5 Boxing wax

- for boxing-in impressions prior to casting
- · fox extending the tray edges
- no heating-up required
- available as sticks of 300 x 28 x 1 mm; Weight 500 g

2.6 Setting/Mounting wax

- for setting-up teeth in full and partial dentures
- no unintentional changes in the wax-up after cooling
- · available in the colours red and black
- available in sheets with dimensions: 175 x 80 x 2,5 mm
- · available as 500 g





2.7 Sticky wax

2.7.1 MORSA sticky wax

- universally applicable sticky wax for all areas of prosthodontics
- high adhesive strength
- · hard, but not brittle
- for the fixation of acrylic teeth in a matrix
- for the fixation of a matrix to a model
- joins base sheets to bite registrations
- colour: yellow and pink
- dimensions: 100 x 40 x 20 mm
- available as six bars at a total of 370 g
- Melting point: 64-66 °C





Order no. DK 000 110 HD 803

yellow, discs, gross 320 g

Order no. DK 000 111 HD 804 pink, discs, gross 320 g

Order no. DK 000 400 HD 803 yellow, 100 x 40 x 20 mm bars, gross 370 g

Order no. DK 000 500 HD 804 pink, 100 x 40 x 20 mm bars, gross 370 g

Order no. DK 000 107 AU 804 pink, Ø 7 mm, 15 mm long 24 sticks

2.7.2 Original Friese sticky wax

- the classical sticky wax
- extremely high adhesive characteristics
- for the fixation of acrylic teeth in a matrix
- for the fixation of a matrix to a model
- joins base sheets to bite registrations
- very quick setting
- no risk of unintentional changes to the wax-up
- shape stability
- colour: rose
- packaged as 24 sticks, dimensions: Ø 7 mm, 15 mm long
- melting point: 59 63 °C
- available as ten discs, dimensions: Ø 75 mm, 8 mm thick
- available in packs of 1 kg discs





Order no. DK 000 112 HD 804 pink, Ø 75 mm, 8 mm thick

Order no. DK 000 105 HD 804 Ø 75 mm, 8 mm thick discs, gross 1 kg







3.1 Crown waxes

- the well-proven all-round crown wax for the crown and bridge technique
- very good characteristics for the preparation of wax-up and carving techniques
- opaque and intensive colouration of the waxes makes the contours in wax-ups easy to see
- very good wax-up qualities
- minimal shrinkage
- very good fitting accuracy
- easy to carve
- available in two colours: grey and dark green grey: setting point: 80,5 °C, ash content: 0.106 dark green: setting point: 83,5 °C, ash contend 0.000
- available in clip-clap tins of 65 g
- available in cylindres of 70 g

3.2 Inlay waxes

- for the fabrication of occlusal surfaces
- minimal contraction
- optimal stability
- good waxing qualities
- very good fitting accuracy
- easy to carve
- available in two colours grey and dark green grey: setting temperature: 79 °C, ash contend: 0.006 dark green: setting temperature: 73 °C, ash content: 0.002
- available in clip-clap tins of 65 q

3.3 Modelling wax Universal/carving wax

These were the conceptual aspects:

- 1. Keep shrinkage during solidification to a minimum
- 2. Burn-out residue-free
- 3. Remain opaque when warmed
- 4. High-contrast color
- 5. Optimum carving properties
- 6. Pinpoint application and flooding onto a cold surface

This new development implements all of these demands. Wax by dental technicians, for dental technicians.

In plaster colours!







Order no. DR 000 114 HD 813 dark green, 65 g, tin

Order no. DR 000 115 HD 814 grey, 65 g, tin

Order no. DR 000 150 HD 813 dark green, 70 g, cylindre





Order no. DR 000 116 HD 813 dark green, 65 g, tin

Order no. DR 000 117 HD 814 grey, 65 g, tin





Order no. DR 000 128 HD 806 Universal modelling wax,

yellow, 65 g, tin Order no. DR 000 129 HD 805

Universal modelling wax, dentin, 65 g, tin

Order no. DR 000 158 HD 806 Universal modelling wax, yellow, 70 g, cylindre

Order no. DR 000 159 HD 805 Universal modelling wax, dentin, 70 g, cylindre

Order no. DR 000 210 HA 802 Memoryeffect wax, isolating white, 65 g, tin





3.4 Milling wax

- ideal for milling and carving
- chips cleanly
- produces smooth surfaces
- available in the colour blue
- Ash content: 0.002
- Setting point: 67 °C
- available in clip-clap tins of 65 g
- available in cylindres of 70 g



- for accurately fitting margins
- ideal for edges of crowns due to stress free application and low setting shrinkage
- good adaptation
- available in the colours red and blue
- red: Setting point: 60 °C; Ash content: 0.035
- blue: Setting point: 64 °C; Ash content 0.02
- available in clip-clap tins of 65 g



Order no. DR 000 118 HD 800 blue, 65 g, tin

Order no. DR 000 151 HD 800 blue, 70 g, cylindre



Order no. DR 000 119 HD 805 red, 65 g, tin

Order no. DR 000 152 HD 805 red, 70 g, cylindre

Order no. DR 000 120 HD 800 blue, 65 g, tin

3.6 Blocking-out wax

- Special wax for blocking-out cavities and rough surfaces
- high melting point: 78 81 °C
- extremely hard
- · connects well with die lacquer
- used for blocking-out and making undercuts parallel in cast metal denture preparation
- adheres well to plaster models
- flows well into the smallest areas
- easy to carve
- adheres well
- easy to boil out
- opaque coloured contours are easily recognisable
- Setting point: 80 °C; Ash contend: 0,058
- available in clip-clap tins of 65 g



Order no. DR 000 121 HD 815 pink, 65 g, tin





3.7 Aesthetic wax

- burns without residue
- for understanding and fabricating wax patterns or teeth in their natural shape and colour
- low contraction
- good flowing and carving characteristics
- high surface density / opaque
- the exact waxed pattern is immediately recognisable
- the opaque colours enable the contours to be clearly visible
- available in four colours from ivory to brown ivory: Setting point: 82 °C; Ash content: 0.127 cream: Setting point: 85 °C; Ash content 0.077 light brown: Setting point: 85 °C; Ash content: 0.160 brown: Setting point: 80 °C; Ash content 0.003
- available in clip-clap tins of 65 g
- available in cylindres of 70 g



Order no. DR 000 123 HD 809 ivory, 65 g, tin

Order no. DR 000 153 HD 809 ivory, 70 g, cylindre

Order no. DR 000 124 HD 810 cream, 65 g, tin

Order no. DR 000 125 HD 803 light brown, 65 g, tin

Order no. DR 000 126 HD 801 brown, 65 q, tin







3.8 CAD/CAM Modelling - scan wax

Very opaque

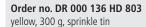


Order no. DR 000 400 HD 830 white, 65 g, tin

3.9 Flexo-Dip Dipping wax

- for the production of wax copings with an even walled thickness by dipping
- no risk of unintentional distortion
- available in the colours yellow and red red: Setting point: 71 °C; Ash content: 0.000 yellow: Setting point: 69 °C; Ash content 0.002
- in granular form for quick, precise melting
- available in a sprinkle tin of 300 g
- available in an economy pack

New Quality: Very plastic dipping wax with good elastic memory and minimal contraction. Recommended working temperature 75 - 85 °C.







METAL DENTURE BASE WAX



4.1 Metal denture base sculpting wax

- ideal for connecting all wax and plastic pre-fabricated parts when fabricating a metal denture base
- available in dark blue:
 Setting point: 60 °C; Ash contend: 0.002
- · available in clip-clap tins of 65 g

4.2 Metal denture wax sheets

- the transparency of the sheets allows markings on the model to be seen
- good adaptation
- secure adherence to model during duplication
- · shape stability
- available as a smooth casting wax sheet in blue in thicknesses from 0.25 to 0.8 mm
- available as a smooth casting wax sheet in white in thicknesses from 0.3 to 0.6 mm
- available in structured, green casting wax sheet: finely veined and coarsely veined in various thicknesses: from 0.3 to 0.6 mm
- Sheet size 175 x 80 mm
- available as 15 sheets



Order No. DH 000 124 NB 813 finely veined green

150 x 75 x 0,30 mm

Order No. DH 000 126 NB 813 150 x 75 x 0,40 mm

Order No. DH 000 127 NB 813 150 x 75 x 0,50 mm

Order No. DH 000 128 NB 813 150 x 75 x 0,60 mm

Order No. DH 000 161 NB 813 smooth green 150 x 75 x 0,30 mm

Order No. DH 000 162 NB 813 150 x 75 x 0,40 mm

Order No. DH 000 144 NB 813 coarsley veined green

150 x 75 x 0,30 mm

Order No. DH 000 145 NB 813 150 x 75 x 0,40 mm

Order No. DH 000 146 NB 813 150 x 75 x 0,50 mm

Order No. DH 000 147 NB 813 150 x 75 x 0,60 mm

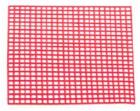
Order No. DH 000 163 NB 813 smooth green 150 x 75 x 0,50 mm

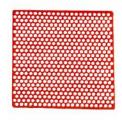
Order No. DH 000 164 NB 813 150 x 75 x 0,60 mm



4.3 Mesh retention

- adheres very well to the model
- easy to adapt
- dimensionally stable easy to shape
- universal mesh structure for the best retention results
- dimensions: 40 x 60 mm
- available in 20 layers
- colour: red





Order No. DH 000 119 NB 805 red, grid mesh, 20 layers

Order No. DH 000 220 NB 805 red, round holes, 20 layers

4.4 Perforated wax retainer

- for the retentive areas in lower and upper metal dentures
- good stability
- high plasticity
- · adheres well to refractory models
- available as 25 bars
- · colour: red



Order No. DH 000 122 NB 855 red, 25 bars

4.5 Wax templates 4.5.1 Molar clasps

- adheres well to model
- easy to adapt
- dimensionally stable easy to shape
- available in 10 layers

· colour: green

4.5.2 Premolars

- adheres well to model
- easy to adapt
- dimensionally stable easy to shape
- available in 10 layers
- colour: green

- 4.5.3 Bonyhard
- adheres well to model
- easy to adapt
- · dimensionally stable easy to shape
- available in 10 layers
- · colour: green

4.5.4 Ring clasps

- adheres well to model
- easy to adapt
- · dimensionally stable easy to shape
- available in 10 layers
- · colour: green







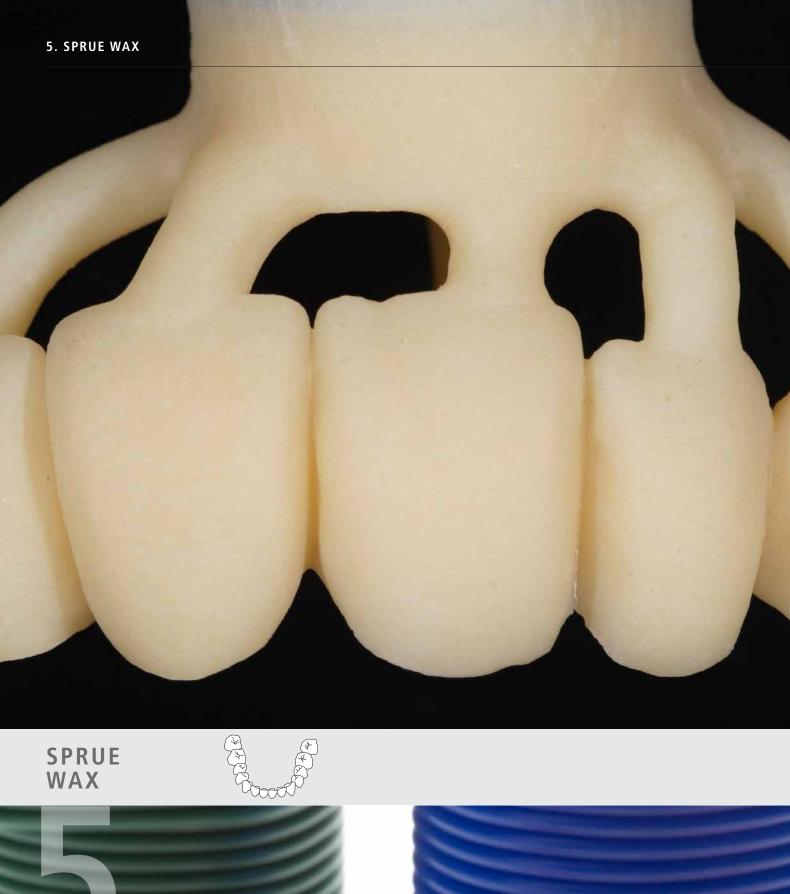
Order No. DH 000 116 NB 813 green, 10 layers



Order No. DH 000 117 NB 813 green, 10 layers



Order No. DH 000 118 NB 813 green, 10 layers









5.1 DUROFLEX Sprue Wax

Tension-free and very malleable wax wire. Due to its high stability it may be waxed onto any object easily. Prevents accidental deformation of objects to be cast. Packaging: reel 250 g

- stress-free
- elastic
- high strength
- no risk of unintentional distortion of casting objects
- available in two hardnesses and colours:
 green = medium hardness
 blue = hard
- available in the thicknesses from 2.0 to 5.0 mm



Order No. DH 000 130 NB 813 green, reel 2.0 mm

Order No. DH 000 131 NB 813 green, reel 3.0 mm

Order No. DH 000 132 NB 813 green, reel 3.5 mm

Order No. DH 000 133 NB 813 green, reel 4.0 mm

Order No. DH 000 134 NB 813 green, reel 5.0 mm

Order No. DH 000 151 NB 814 green, reel 2.0 mm

Order No. DH 000 150 NB 814 green, reel 2.5 mm

Order No. DH 000 152 NB 814 green, reel 3.0 mm



Order No. DH 000 140 NB 814 blue, reel 2.0 mm

Order No. DH 000 141 NB 814 blue, reel 3.0 mm

Order No. DH 000 142 NB 814 blue, reel 3.5 mm

Order No. DH 000 143 NB 814 blue, reel 4.0 mm

Order No. DH 000 144 NB 814 blue, reel 5.0 mm

Order No. DH 000 153 NB 814 turquoise, reel 3.5 mm

Order No. DH 000 154 NB 814 turquoise, reel 4.0 mm

Order No. DH 000 155 NB 814 turquoise, reel 5.0 mm



Order No. DA 000 100 HD 800

5.2 Adhesive preparation wax foil for saddles

adhesive Preparation and casting wax on foil

- adhesive
- Application: relinable saddles
- soft and transparent

Quality

- adhesive
- soft

5.3 Casting Wax blue for the conventinal crown and bridge technique

not for full ceramic, 4 x 25 g



Order No. DRSH0143

5.4 UTILITY WAX

Uility wax is to be used in the process of denture impression.

It is applied to the impression tray to protect the periphery-edge.

It ensures a good transfer from the impression to the model



Order no. DR000116AU807

Utility Wax ropes red square 450 g



Order no. DR000116AU807-W

Utility Wax ropes white round 450 g

5.5 Sprue wax casting channels



Order no. DRS H0040

red, rods Ø 5 mm, 15 cm long, 450 g

5.6 Orthodontic Wax / Protection Wax

In transparent box made of crystal clear polystyrene filled with orthodontic wax.



Order no. DRSH 03950NBO

Kit/4 stripes (Ø 5 mm, 45 mm) 50 Kits/box

(€

5.7 Preparation/Mounting wax

It can be well adapted to the master model. Suitable for casted partial dentures, before duplication of models.



Order No. DR 000 100 NB 807 175 x 80 x 0.50 mm 200 g

Order No. DR 000 103 VA 807 175 x 80 x 0.70 mm 200 g



ADDITIONAL PRODUCTS FOR THE DENTAL LABORATORY

6.1 LC — Light-Curing Tray plates

For the fabrication of individual and functional impression trays. The material is also indicated for producing base plates for wax-ups and for bite templates.

The sheets are a anatomically shaped and vestibular enlarged for better use on moulds of dentate jaws. The design and the handling characteristics make the sheet suitable for the upper as well as the lower jaw.

The material can be cured with halogen and UV. Once cured properly the material is dimensional stable.

- · high molecular acrylate with inorganic filler / easy manipulating before dimensional stable after curing
- \cdot only one sheet model for upper and lower / less stock needed
- \cdot pink / blue opaque colour
- · curing in 3 5 minutes with halogen or UV
- · light curing / cures on demand
- · 3 years shelf life
- · 50 sheets per package

Indications

- individual impression trays
- functional impression trays
- base plates for wax-ups
- bite templates



Order no. DH 000 301 NB 814 pink, 50 pieces per package

Order no. DH 000 303 NB 814 blue, 50 pieces per package

7. GYPSUM & INVESTMENTS DIN EN ISO 6873

7.1 Morsa Scan Stone New Dental gypsum type IV



7.2 Mor-Rock 22 Natural type IV Super Hard Stone



7.3 Morsa Alpin Hard Stone Dental gypsum type III



Special stone for CAD-CAM systems

CAM-Stone has been developed for opto-electronic scanning. It prevents interfering reflections in the defined wavelengths. By using Scan-Stone the coating of the gypsum model is not necessary. The short setting time allows a fast chairside treatment.

Recommendation: For opto-electronic scanning (e.g. Cerec-System), crown and bridge models, master casts with precious and non-precious alloys.

Colour: ivory

Packagings:

DH 000830NB816 5,0 kg bag
DH 000833NB816 10,0 kg paper bag
DH 000832NB816 25,0 kg carton

A fine flowing super hard stone of exeptional hardness. Outstanding edge stability and compressive strength, very good resistance to scratching and breakage while having a minimum expansion.

Also available as **Morsa Premium Speed**, where a quick setting time (6-7 min.) is desired.

Recommendation: crown and bridge models, implant models, master models with precious/ nonprecious alloys, control models, checkbite-casts

Colour: golden brown, white

Packagings: golden brown

DH 000928NB816 5,0 kg bag
DH 000923NB816 10,0 kg paper bag
DH 000922NB816 25,0 kg carton

white

DH 000618NB816 5,0 kg bag
DH 000613NB816 10,0 kg paper bag
DH 000612NB816 25,0 kg carton

Especially suitable for prosthetics and orthodontics because of special choice and raw matirials and selected production process.

Recommendation: working and checkbite casts, acrylic dentures, repairs, relines, situation casts

Colour: blue, yellow

Packagings: blue yellow

DH 000821NB816 5,0 kg bag
DH 000823NB816 10,0 kg paper bag
DH 000828NB816 25,0 kg carton

DH 000810NB816 5,0 kg bag
DH 000813NB816 10,0 kg paper bag
DH 000818NB816 25,0 kg carton



7.4 MOR-Vest II Speed



MOR-Vest II is a phosphate-bonded, special speed investment with a ultrafine corn size for crown and bridge work.

- Sufficient expansion even for CrCo alloys
- Excellent surfaces smoothness due to ultra-fine particles
- Fast preheating saves time
- Effortless devesting
- May be used with conventional rings or ringless. Expansion is unrestricted when ringless methods are utilized.
- Excellent fit both with precious or non-precious alloys as well as palladium-based alloys
- Ideal flow properties
- Sufficient working time

DH 000191NB816 5,0 kg (32 x 160 g)
DH 000192NB816 20,0 kg (125 x 160 g)

7.5 MORSIT XF Speed



MORSIT XF Speed is a phosphate bonded, graphite free and very fine grain precision investment for partial denture frameworks.

It is usable for the conventional and speed casting technique and is suitable for casting all types of dental alloys.

- super fine grain size, creamy consistency
- perfect fitting, very smooth casting surfaces, excellent reproduction of details
- easy divesting

MORSIT XF Speed should be used with MORSA type 100 liquid!

DH 000310NB816 MORSIT XF Speed 5,0 kg carton (28 x 180 g)
DH 000311NB816 MORSIT XF Speed 20 kg (112 x 180 g)
DH 000312NB816 MORSIT XF Speed 20 kg (50 x 400 g)

7.6 MORE-MICRO



A fine, phosphate-bonded, graphite-free precision investment.

Micro is suitable for use as a CrCo investment and also used successfully in for crown and bridgework technique. As with MORSIT,

expansion is regulated by using liquid types 100 or 140 liquids.

- A super fine particle size ensures exact reproduction of detail and very smooth casting surfaces
- Expansion is precisely regulated by varying the concentration of the liquid
- Excellent flow properties

Micro should be used with MORSIT

Expansion liquid, type 100 or 140!

DH 000201NB816 5,0 kg (28 x 180 g)
DH 000203NB816 20,0 kg (50 x 400 g)
DH 000204NB816 20,0 kg (4 x 5,0 kg)

7.7 MOR-Vest Press Ceramic



A phosphate bonded, graphite free precision investment especially developed for all pressable ceramic systems in the speed casting technique. Press can be used for the press to metal and press to zirconium system. This super fine investment guarantees a perfect fitting and very smooth surface.

- super fine powder, very creamy consistency
- for all kinds of pressing systems, also for large muffles
- for press to metal / press to zirconium
- super fine pressed surfaces
- easy divesting
- sufficient working time

DH 002003NB816 5,0 kg (50 x 100 g)

7.8 Standard Expansionsliquid



Two different expansion liquids are available for MORSA phosphate-bonded MORSA investments. MORSA technical instructions should be closely followed in selecting and utilizing these liquids.

7.9 MORSIL 1:1



DH 000241NB816 Expansionsliquid Typ 100 (1,0 Liter)

A high-quality addition-curing duplicating silicone with all the prerequisites for the adhesive tape and flasking techniques.

- Easy and economical measuring
- Suitable for dispensers
- Ideal low viscosity

DH 001001NB816 Morsil green 1 : 1 (1,0 kg) — Components A + B

Mixing ratio:	1:1
Mixing under vacuum	40 sec
Working time at 23 °C	>5 min
Curing time at 23 °C	30 – 45 min
Tear resistance (DIN 53504)	ca. 2,2 N/mm²
Elongation at tear (DIN 53504)	ca. 310 %
Tear growt resistance (ASTMD 624 B)	> 6,5 N/mm²
Shore A hardness at 60 min.	> 24



7.10 reBlanX®

Refill material für CAD/CAM milling blanks, Autopolymer

CAD/CAM resin, autopolymer. Acrylic resin for refilling CAD/CAM milling blanks in the dental laboratory.

Indications

- CAD/CAM fabrication of bite splints
- CAD/CAM fabrication of denture bases
- CAD/CAM fabrication of crowns and bridges

Product features:

- universal application, can be used for refilling all PMMA blanks
- very simple processing, optimal chip behavior when milling
- optimal mucous membrane compatibility due to low residual monomer content
- minimal shrinkage, no tension within the material thanks to controlled polymerisation
- homogeneous surface, very low plaque susceptibility
- easy finishing and polishing
- absolutely color stable and cadmium free
- evaluated and certified biocompatibility

Product details

Mixing ratio:

10g of powder with 5-6g of liquid

Processing times:

Swelling phase: approx. 30 sec Pouring phase: approx. 2-3 min Plastic phase: approx 5-7 min

Polymerization:

The polymerization is carried out under a pressure of 2-3 bar and a water temperature of 55°C for about 30 minutes.

Shades:

The polymer is available in colorless/clear, pink, pink V (veined) and pink C34 as well as in dentin color A2.

Colored monomers are available in pink, red, yellow, violet, black, light blue

Delivery forms:

Powder: 100g, 1.000g, 5.000g, 10kg Liquid: 80ml, 500ml, 5.000ml additional sizes upon request

nical properties acc. to ISO 20795-1

Flexural modulus in MPa

Note:

Medical device. Due to the lack of normative requirements, the classification is made according to the product standard for denture base acrylics, ISO 20795-1, type 2 class 1 and according to MDD 93/42/EEC Annex IX, class IIa for removable and for fixed dentures.

min. 1500

2400





Order no. DH000860NB860 Powder 100g

Order no. DH000861NB860 Powder 1000g

Order no. DH000862NB860 Powder 5000g

Order no. DH000863NB860 Liquid 80ml

Order no. DH000864NB860 Liquid 500ml



Production of Models

MOR-PRINT Model

Opaque, light- and moisture-stable, light-curing 3D printing resin for the production of very precise, true-to-detail master, stump and / or functional models with finest and smooth surface structure.

Without High fillers & **Precision** pigments

Product benefits

- Very dimensionally stable, precisely grindable
- Preparation lines optimally visible through opacity
- High construction precision for an excellent fit of model stumps
- High efficiency thanks to the low-viscosity setting of the resin for lower material consumption and short post-processing

Areas of application

- Models
- Model stumps
- Models for splints and functional models



Material properties

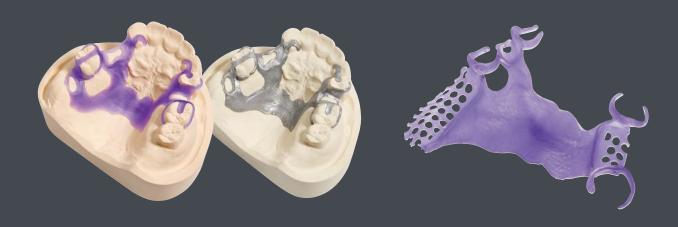
Property	Value	Test Method
Acrylate mixture		
Viscosity	950 ± 100 mPa·s	ISO 3219
End product		
Flexural strength Modulus of elasticity	68 ± 2 MPa 1600 ± 100 MPa	ISO 178 ISO 178

DELIVERY FORM	COLOR	
1000 g	ash-gray	Orde
1000 g	sand	
**planned		Orde

ler no. DH000 853 NB-814

REF

Order no. DH000 853 NB-801



Cast Objects

MOR-PRINT Cast

Burn-out, light-curing acrylate-based premium resin for the additive manufacturing of objects in the press and model casting technique.



Product benefits

- Burns-out without residue (< 0.1 %), even with large volume parts
- Warp-free, even with large-volume (voluminous) objects
- Matched to phosphate-bonded investment materials
- High strength, shape and edge stability, best drawing accuracy for filigree structures
- The finest structures thanks to layer thicknesses of up to 25 μ m precise reproduction with the finest surface structure



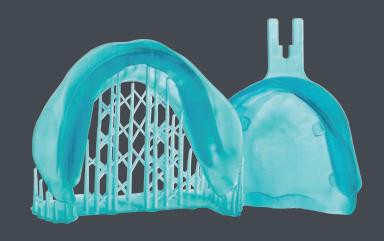
Areas of application

- Cast objects of all kinds
- Applicable in the conventional as well as in the speed casting process for press ceramics e.g. veneers, inlays or onlays

Material properties

material properties			
Property	Value	Test Method	
Acrylate mixture			
Viscosity	1000 ± 200 m	Pa·s ISO 3219	
End product			
Flexural strength	104 ± 3 MPa	ISO 178	
Modulus of elasticity	2900 ± 200 M	Pa ISO 178	
Glass transition	86 °C	ISO 11357	
Ash content	< 0,1 %	ISO 3451-1*	
		*based on	
DELIVERY FORM	COLOR	REF	
1000 g	purple	Order no. DH000 853 NB-815	





Individual Impression Trays

MOR-PRINT Tray

Light-curing, bio-compatible 3D printing resin for the production of individual functional trays and impression trays, bite registration, transfer keys and base plates.

Medical Device Class I Layer thicknesses up to 150 µm

Product benefits

- Biocompatibility tested according to EN ISO 10993-1
- High dimensional stability and warp resistance for exact, distortion-free impressions
- Odorless and tasteless
- Retention holes can be planned in advance in the CAD modeling
- Effective, as it is optimised for high printing speeds and high layer thicknesses of up to 150 μm

Areas of application

- Individual functional trays and impression trays
- Bite registrations
- Transfer keys
- Base plates

Material properties

Property	Value	Test Method
Acrylate mixture		
Viscosity	900 ± 100 mPa·s	ISO 3219
End product		
Flexural strength Modulus of elasticity Glass transition Vickers hardness	116 ± 10 MPa 2900 ± 300 MPa 91 °C 20 ± 1 HV0,2	ISO 10477 ISO 10477* ISO 11357 ISO 6507-1*
		*based on

DELIVERY FORM COLOR

1000 g • aqua

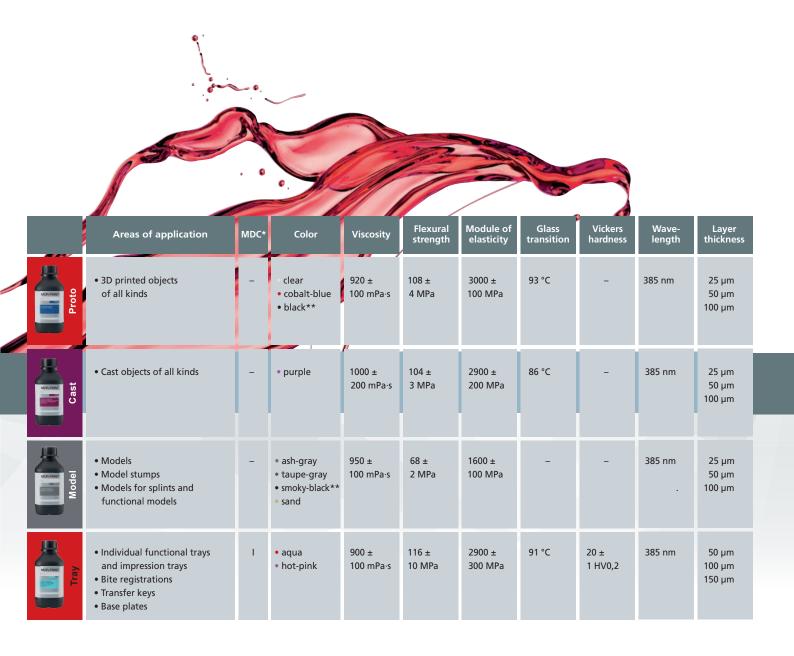
1000 g • hot-pink

REF
Order no. DH000 853 NB-800

Order no. DH000 853 NB-804



CE









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Service / OEM Manufacturing

With over a 120 years of experience, MORSA Dental can OEM - manufacture a comprehensive range of Own Brand Products to your individual requirements. This includes an extensive range of dental materials for Laboratories and Dentists

Consult us to increase your market share.





MORSA waxes have been developed further within the last decades due to consistent communication with practitioners and dental researchers. The management board is always open and grateful for feedback to MORSA from dental technicians and dentists, with opinions, suggestions and constructive criticism based on theis practical experiences. For every idea which is transformed into a product you will receive a prize. We would like to thank you for the many years of support you have given us.