

LABORATORY CATALOGUE



WELCOME TO THE DENTALISTS!

The dental digitalisation is moving forward. This not only applies to the materials and their processing, but also to the entire workflow and the interfaces between the dental practice and laboratory. VOCO sees itself as a partner of both sides and with products "Made in Germany" they want to dedicate to a profitable cooperation across all interfaces.

Our goal is reliable workflows for results of the highest and constant quality. We precisely synchronize disposable materials and processing units. At the same time, open interfaces are offered in order to ensure a maximum flexibility of the laboratory and dental practice.

Many attractive options are offered to you, for example, by our Trusted Partners: Thanks to intensive cooperation with selected partners, our milling and 3D printing materials can be used with numerous devices from third-party manufacturers. For your freedom – and for first-class results.

Inform yourself on the next page about our versatile programme in proven VOCO quality "Made in Germany":

- Disposable materials and devices for additive processes in 3D printing
- Blanks for subtractive production, suitable for many known milling units

- Materials – approved in daily routine – for luting, relining, fabrication of temporary restorations, execution of repairs and impressions
- Tools and cleaning agents to facilitate your workflows

Orient yourself quickly and easily in our catalogue and use our icons to identify the key product features of each product at a glance.

We will be pleased to answer your questions in regards to our products and their application. You can contact us at 0800 44 444 555 or visit our website, which is available to you around the clock: **www.voco.dental**.

Find news, information and other VOCO fans at Facebook, Instagram and YouTube!

With kind regards from Cuxhaven

Your VOCO-Team



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ICONS

The VOCO laboratory catalogue provides the comprehensive information on every individual product that you are used to, giving a quick and practical overview of the laboratory product range. The main product characteristics are now immediately accessible at a glance: Our new icons visualise the core properties, providing instant information on whether you are looking at a dual-curing or a self-curing material, which indications apply to a product, or the number of shades in which it is offered.



Curing of the material

This product either cures through exposure to light or it self-cures chemically. For detailed information, please consult the instructions for use.



Radiopacity

After completion of the working process, this material is highly radiopaque. The value shown indicates the radiopacity in percent relating to the aluminium equivalent.



Indication of working time

The maximum extraoral working time for this product is as shown.



Curing of the material

This product self-cures chemically. For detailed information, please consult the instructions for use.



Indications

This product can be used for temporary types of treatment. For detailed information, please consult the instructions for use.



Non-sedimenting

This product is non-sedimenting. The product enables additive manufacturing of objects from homogeneous solution throughout the entire printing process.



Curing of the material

This product cures through exposure to light. The time indicated represents the average time. For detailed information, please consult the instructions for use.



Working directions

This product does not require additional polishing when completely cured. For detailed information, please consult the instructions for use.



Method of application

Preparatory conditioning of the tooth surface is not required before application of this material to the tooth. For detailed information, please consult the instructions for use.



Material compatibility

This product can be used with the materials indicated. For detailed information, please consult the instructions for use.



Method of application

No separate etching of the tooth surface is required before the adhesive system (bond) is used. For detailed information, please consult the instructions for use.



CAD / CAM

This product is suitable for use in digital dentistry. For detailed information, please consult the instructions for use.



Hardness of the material

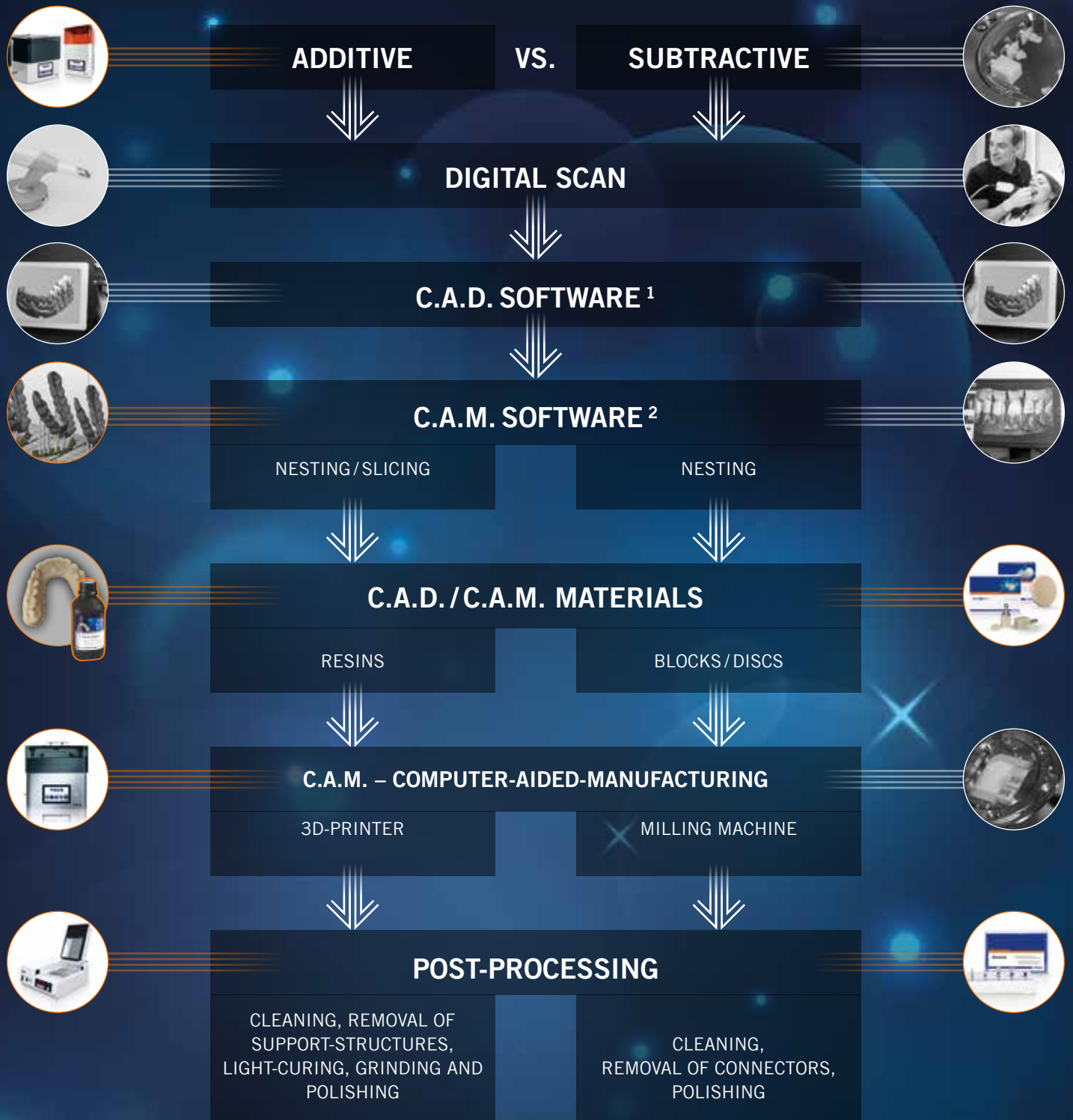
This product possesses the shore A hardness shown.



Indication of retention time in the mouth

This product is retained in the mouth for the minimum duration shown.

DIGITAL WORKFLOW



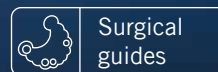
Full-crown



Inlay



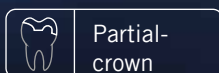
Night Guards



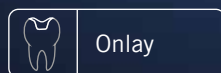
Surgical guides



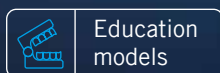
Casting



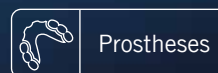
Partial-crown



Onlay



Education models



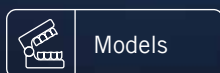
Prostheses



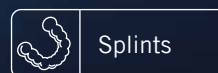
Temporary crown



Temporary bridge



Models



Splints

1 Computer Aided Design
2 Computer Aided Manufacturing

V-Print® cast

Light-curing resin for the generative production of burn-out objects for casting and pressing processes



Indications

Production of objects which can be burned out without leaving any residues for casting processes and press ceramics

Advantages

- **Reproducible** – simple duplication before casting
- **Quick finishing** – precision-printed objects give high quality of reproduction

- **High dimensional stability and edge strength** – reliable checking of the occlusion and lateral movements
- **Finishing at an early stage** – instrument-friendly finishing of objects even in the green state
- **Excellent compatibility** – can be used with commercially available, phosphatebonded investment materials
- **Restorations free of impurities** – V-Print cast burns out without residues



V-Print® cast

REF 6045 Bottle 1000 g blue

Not available in Canada

VOCO
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PARTNER



All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® tray

Light-curing resin for the generative production of individual trays, base plates and occlusal registrations



Indications

Individual impression and function trays
Bases for bite templates and wax assemblies for full dentures
Occlusal registrations

Advantages

- **Saves time** – printable in high layer thicknesses (up to 200 µm)
- **Distortion-free impressions** – thanks to very strong material
- **Universal** – can be used with all types of impression material
- **Fast and efficient** – object printing including shaping of margins, retention elements and recesses for implant impressions



V-Print® tray

REF 6047 Bottle 1000 g blue

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All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® splint

Light-curing resin for the generative production of dental, therapeutic splints



Indications

Therapeutic splints
Auxiliary parts and functional parts for diagnostics
Bleaching splints (home bleaching)

Advantages

- **Classified as MD IIa** – for safety and long-term therapy use
- **Biocompatible and flavourless** – for excellent customer acceptance
- **Transparent** – for hardly noticeable splints
- **High flexural strength** – for long-lasting objects
- **High precision** – a great fit for good wearing comfort



V-Print® splint

REF 6044 Bottle 1000 g clear

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All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® splint comfort

Light-curing resin for the generative production of thermoflexible dental, therapeutic splints



Indications

Therapeutic splints
Auxiliary parts and functional parts for diagnostics
Bleaching splints (home bleaching)
Palatal plates

Advantages

- **Highly flexible and abrasion-resistant** – extremely fracture-resistant and durable
- **Thermoflexible and flavourless** – for excellent wearing comfort
- **Transparent** – for hardly visible splints
- **Low-odour and easy to polish** – for pleasant processing
- **Biocompatible and flavourless**
- **Classified as MD IIa**



V-Print® splint comfort

REF 6126 Bottle 1000 g clear

VOCO
TRUSTED
PARTNER



All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® model 2.0

Light-curing resin for the generative production of dental models



Indications

Dental working and presentation models

Advantages

- **Fast and precise** – optimal fit also with layer thicknesses of 100 µm
- **Precisely grindable** – no unwanted changes on the workpiece (e.g. due to instrumental heat input)
- **Scratch-resistant surface** – high hardness enables fitting without deformation
- **Suitable for thermoforming technique** – precise working, aligner or retainer models from one material without changing the vat



V-Print® model 2.0

REF 6128 Bottle 1000 g beige

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PARTNER



All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® model fast

Light-curing resin for the generative production of fast printable models, especially for the dental thermoforming technique (e.g. for aligner or retainer splints)



Indications

Dental models

Advantages

- **Saves time** – for rapid printing in high layer thicknesses with no loss of quality
- **Suitable for thermoforming technique** – temperature-resistant as the basis for fabrication of aligner and retainer splints
- **High strength and minimum wastage** – the high strength allows material-efficient hollowing of the models



V-Print® model fast

REF 6125 Bottle 1000 g blue

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PARTNER



All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® dentbase

Light-curing resin for the generative production of denture bases for removable prostheses



Indications

Removable denture bases

Advantages

- **Classified as MD IIa** – for safety and long-term use
- **Highly aesthetic** – with natural gingiva colour
- **High wearing comfort** – thanks to precise, custom-fit fabrication
- **Compatible** – with commercially available lining materials

- **Safe removal from the build platform** – thanks to high green strength
- **Optimal customer acceptance** – flavourless and odourless
- **Biocompatible** – that goes without saying



V-Print® dentbase

REF 6048 Bottle 1000 g pink



SUITABLE WITH:

CediTEC DT p. 10

CediTEC p. 11

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All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® Try-In

Light-curing resin for the generative production of try-ins for prosthetics



Indications

Try-ins for full and partial dentures
Transfer and grinding templates
Correction and occlusal impressions

Advantages

- **Advance checks** – verifying and, if necessary, adapting the fit, occlusion, function, phonation and aesthetics **before** the permanent denture is fabricated



V-Print® Try-In

REF 6049 Bottle 1000 g beige

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All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® SG

Light-curing resin for the generative production of dental drilling templates



Indications

Dental drilling templates



Advantages

- **Classified as MD IIa** – for optimal safety
- **High customer acceptance** – flavourless and odourless
- **Optimum patient safety** – can be steam sterilised at 134° C for 5 minutes before use
- **Dimensionally stable** – perfect fit even after steam sterilisation
- **Biocompatible** – that goes without saying



V-Print® SG

REF 6043 Bottle 1000 g clear

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PARTNER



All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

V-Print® c&b temp

Light-curing resin for the generative production of highly aesthetic temporaries / long-term temporaries



Indications

Long-term temporaries like crowns, bridges and mock-ups

Advantages

- **High-filled printing material** – especially for long-term application
- **Excellent physical properties:**
 - high flexural strength and moduls of elasticity for stable temporaries
 - high abrasion resistance for long wearing time
- low water absorption and solubility for mechanical stability
- discolouration resistant – no discolouration with long wearing time
- **Natural fluorescence** – for high aesthetic demands
- **Easy to process and polish**
- **Composite printing material** – quick to characterise or adapt



V-Print® c&b temp

REF 6897 Bottle 500 g A1
REF 6898 Bottle 500 g A2
REF 6899 Bottle 500 g A3

Not available in Canada

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All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)

CediTEC® DT Denture Teeth

CAD / CAM composite for denture teeth

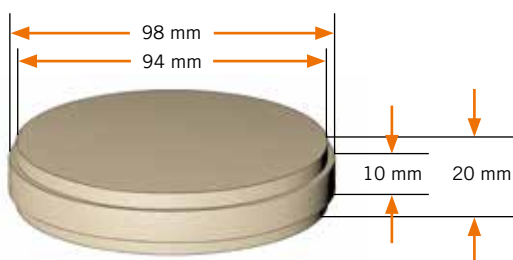


Indications

Prosthetic teeth and tooth sections up to complete dental arches for removable dentures

Advantages

- Cured composite for high quality and durable denture teeth
- Translucent shade and high fluorescence for natural aesthetics
- Production of individual, accurately fitting denture teeth, reproducible at any time
- Effortless polishing for a natural gloss
- Easy to individualize without using an MMA primer
- Aesthetic, precise, individual – dentures made with the CediTEC / V-Print dentbase system



CediTEC® DT

Shade	1 × 20 mm, ø 98 mm
A1	REF 6085
A2	REF 6086
A3	REF 6087
BL	REF 6088

Not available in Canada



SUITABLE WITH:

V-Print dentbase	p. 8
V-Print Try-In	p. 8
CediTEC DB	p. 11
CediTEC	p. 11

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All partners
can be found here
[www.voco.dental/
systempartner](http://www.voco.dental/systempartner)



CediTEC® DB Denture Base

High-impact PMMA for the fabrication of denture bases for removable dentures



Indications

Fabrication of denture bases for removable dentures

Advantages

- PMMA with high impact resistance and strength for a long time wearing period
- High-quality denture bases, reproducible at any time
- Three shades for an aesthetic result
- Very good polishability – individualisations possible at any time
- Aesthetic, precise, individual – dentures with the CediTEC System



CediTEC® DB

Shade	1 × 30 mm, ø 98 mm
pink	REF 6195
dark-pink	REF 6196
orange-pink	REF 6197

Not available in Canada

CediTEC® Adhesive

Luting system for denture teeth in denture bases



Indications

Luting of prefabricated prosthetic teeth and CAD / CAM-produced individual teeth and tooth sections in CAD / CAM-produced denture bases

Luting of prosthetic teeth in the scope of a repair or extension

Advantages

- Error- and bubble-free mixing
- Only the material quantity actually required is mixed
- Easy and direct application
- Subsequent additions possible
- Also usable for other systems and conventional PMMA
- Aesthetic, precise, individual – dentures made with the CediTEC / V-Print dentbase system

auto
mix

CediTEC® Adhesive

REF 6082	Set cartridge 80 g CediTEC Adhesive, bottle 4 ml CediTEC Primer, accessories
REF 2202	Mixing tips type 20, 50 pcs.
REF 2245	Easy Brush, application brushes, 50 pcs.



SUITABLE WITH:

V-Print dentbase	p. 8
CediTEC DT	p. 10
CediTEC DB	p. 11

Structur CAD

CAD / CAM composite for temporary restorations



Indications

Temporary bridges spanning up to two pontics

Temporary abutment crowns

Temporary crowns



Advantages

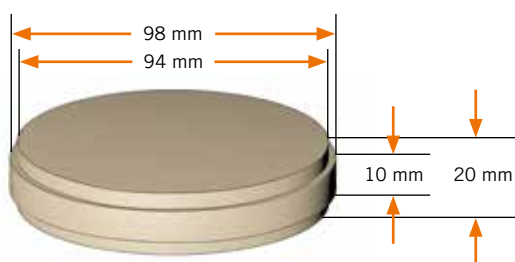
- Fast and efficient CAD / CAM production of precision-fit temporary restorations
- Highest quality and aesthetics for prolonged, safe wear – especially suitable for long-term provisional and semi-permanent restorations
- Excellent edge stability
- Effortless intraoral as well as extraoral polishing and individualisation
- No need to use an MMA primer

Structur CAD

Block	
Shade	5 x No. 40L
A1	REF 6076
A2	REF 6077
A3	REF 6078
Disc	
Shade	1 x 20 mm, ø 98 mm
A1	REF 6071
A2	REF 6072
A3	REF 6073

Technical Data

Filler content	27 % w/w	DIN 51081
3-point-flexural-strength	136 MPa	Analogous ISO 10477
E-modulus	4.4 GPa	Analogous ISO 10477
Compressive strength	477 MPa	Analogous ISO 9917
Abrasion (200,000 cycles)	85 µm	ACTA-3-media
Radiopacity	80 % Al	Internal measurement

Size disc**Size block****Example – Restoration**

Dr. Yassine Harichane, France / Canada

Clinical case

Unsatisfactory initial situation



Initial situation – close-up



CAD / CAM bridge on the model



Structur CAD after insertion

Source: Dr. Felipe Araujo, Brazil

Grandio® blocs · Grandio® disc

Nano-ceramic hybrid CAD / CAM material



Indications

Crowns, inlays, onlays, veneers

Implant supported crowns

Advantages

- Highest filler content (86 % w/w)
- Resembles natural teeth perfectly
- Excellent physical values for flexural strength and abrasion
- Highly aesthetic due to multicolor shades – ideal for the anterior region
- No firing required
- Can be processed using any conventional milling unit
- Can be polished and repaired optimally
- Ideal for milling even in cases with thin edges
- Based on the nano-hybrid technology

Technical Data

Filler content	86 % w/w
Biaxial flexural strength	333 MPa
E-modulus	18.28 GPa
Compressive strength	530 MPa
Water uptake	13.6 µg/mm ³



SUITABLE WITH:

FinalTouch p. 17

GrandioSO Flow. p. 18

GrandioSO Light Flow p. 19



TIP:

Ideal for
individualisation



Grandio® blocs

Low translucent (LT)

Shade	5 × No. 12	5 × No. 14L
A1 LT	REF 6003	REF 6018
A2 LT	REF 6004	REF 6019
A3 LT	REF 6005	REF 6020
A3.5 LT	REF 6006	REF 6021
B1 LT	REF 6007	REF 6022
C2 LT	REF 6008	REF 6023
BL LT	REF 6009	REF 6024

High translucent (HT)

Shade	5 × No. 12	5 × No. 14L
A1 HT	REF 6012	REF 6027
A2 HT	REF 6013	REF 6028
A3 HT	REF 6014	REF 6029
A3.5 HT	REF 6015	REF 6030

Grandio® disc

Low translucent (LT)

Shade	1 × 15 mm, ø 98 mm
A1 LT	REF 6050
A2 LT	REF 6051
A3 LT	REF 6052
A3.5 LT	REF 6053

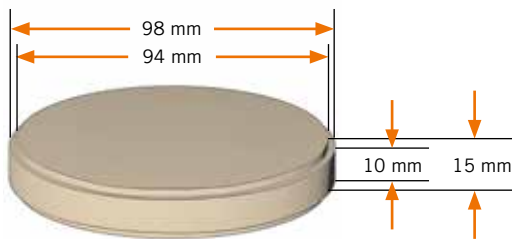
High translucent (HT)

Shade	1 × 15 mm, ø 98 mm
A1 HT	REF 6057
A2 HT	REF 6058
A3 HT	REF 6059
A3.5 HT	REF 6060

Grandio® disc multicolor

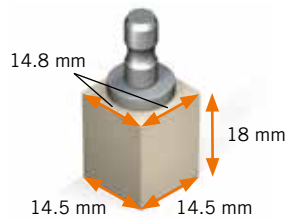
Shade	1 × 15 mm, ø 98 mm
A1	REF 6216
A2	REF 6217
A3	REF 6218
A3.5	REF 6219
B1	REF 6220
C2	REF 6221

Size disc

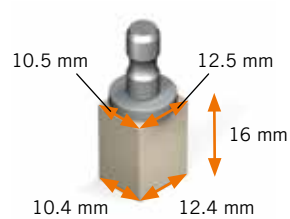


Sizes blocs

No. 14L



No. 12



Notes for the use of Grandio disc multicolor

Depending on the degree of customisation, the restoration can be moved within the three layers in the nesting software.



towards the incisal layer

central central

towards the tooth neck

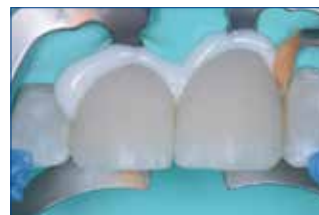
Clinical case



Initial situation



Prepared cores



Adhesive luting of Grandio blocs crowns



After luting and polishing



View directly after insertion



Satisfied patient at the 6-month check-up

Source: Prof. Breno de Mont'Alverne, Brazil

Celalux 3

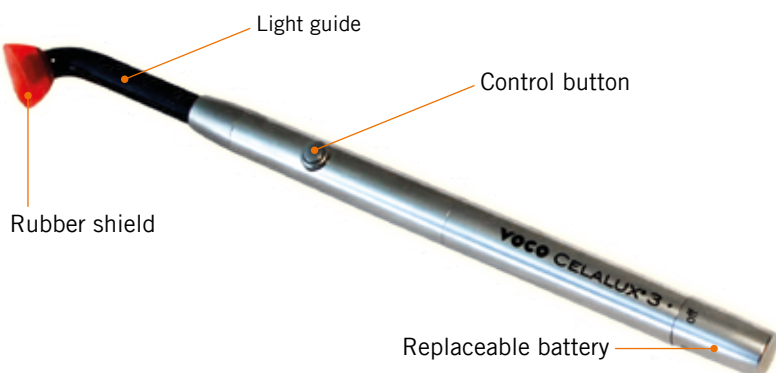
High-Power LED curing-light for light-curing composites

Indications

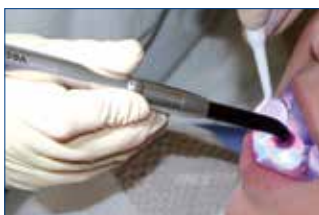
Curing of all light-curing dental materials whose polymerisation is activated within a wavelength range of 450 - 480 nm

Advantages

- State-of-the-art LED technology with high light intensity (approx. 1,300 mW / cm²)
- Wavelength range 450 - 480 nm
- Slim and ergonomic design (pen-shaped); weight of the handpiece, including device base and light guide, weighs only 70 g
- Indicates how much time has elapsed by vibrating at the start, and again after 10 s and 20 s, instead of the acoustic signals previously used
- Easy to handle, cordless
- Autoclavable 8 mm light guide
- The spare device base supplied ensures the device is always ready for use
- Battery is very easy to change



Application



Celalux 3

REF 9090 Celalux 3 (handpiece, battery charger, power cord with interchangeable mains adapters, 2 Device Bases, 8 mm light guide, rubber shield, operating instructions)

Accessories

REF 9091 Light guide 8 mm, autoclavable
REF 9092 Device Base
REF 9093 Rubber shield, 5 pcs.



TIP:

Ideal for curing composites and paint colours such as

FinalTouch p. 17

GrandioSO Flow. p. 18

GrandioSO Light Flow p. 19

FinalTouch®

Light-curing characterisation material



Indications

Personalised characterisation of direct and indirect composite restorations

Masking of tooth discolourations

Characterisation of chairside CAD / CAM veneers

Advantages

- Reproduction of enamel characteristics
- Perfect extension of VOCO's range of composite and ORMOCER® restorative materials
- Excellent handling for high-aesthetic results
- Fine material structure and homogeneous consistency for accurate application
- 5 colours with opacity corresponding to the area of application



FinalTouch®

- | | |
|----------|---|
| REF 2321 | Set syringe 5 × 1.5 g (white, blue, yellow, orange, brown), accessories |
| REF 2323 | Syringe 1.5 g white, accessories |
| REF 2324 | Syringe 1.5 g blue, accessories |
| REF 2325 | Syringe 1.5 g yellow, accessories |
| REF 2326 | Syringe 1.5 g orange, accessories |
| REF 2327 | Syringe 1.5 g brown, accessories |
| REF 2147 | Application cannulae type 45, 100 pcs. |

Not available in Canada



SUITABLE WITH:

GrandioSO Flow. p. 18

GrandioSO Light Flow p. 19



TIP:

- Coating with composites
- Curing with at least 500 mW/cm² (LED/halogen), e. g. Celalux 3 on page 16

Grandio®SO Flow

Flowable universal nano-hybrid restorative material

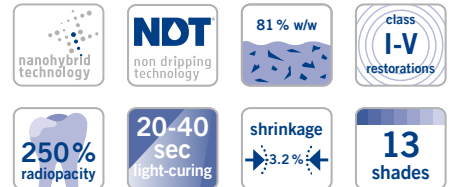


Indications

- Fillings of class I to V cavities
- Minimally invasive filling therapy
- Extended fissure sealing
- Blocking out undercuts
- Lining or coating cavities
- Repairing fillings and veneers
- Luting translucent prosthetic pieces (e.g., full ceramic crowns, etc.)
- Interlocking and splinting teeth (e.g., with glass fibre strands)
- Use as a base material in combination with glass fibres or similar products for fabricating semi-permanent crowns and bridges

Advantages

- Medium viscous flow composite, i.e. outstanding flow behaviour with complete wetting of the cavity walls
- Universal application – for indication-appropriate treatment of all cavity classes
- Physical properties superior to those of various other packable materials, e.g. hardness, stability, abrasion resistance
- Very high filler content of over 80 % w/w
- Safe and precise application
- 13 shades for aesthetic restorations – perfectly coordinated with GrandioSO
- High shade stability
- Very good polishability and durable brilliance
- Extremely high radiopacity (500 %AI) of the shade WO for especially good contrast to the tooth substance and to other restoratives
- Available in the non-dripping NDT®-syringe and Flow-Caps with flexible metal cannulae



Grandio®SO Flow

- REF 2720 Set syringe 5 x 2 g (A1, A2, A3, A3.5, WO), shade guide, accessories
- REF 2607 Shade guide
- REF 9301 Dispenser – Caps
- REF 2146 Application cannulae type 41, 100 pcs.

Syringe – refills

Shade	2 x 2 g
A1	REF 2722
A2	REF 2723
A3	REF 2724
A3.5	REF 2725
A4	REF 2726
WO	REF 2737
Incisal	REF 2733
B1	REF 2729
B2	REF 2730
BL	REF 2736
C2	REF 2732
OA2	REF 2734
GA5	REF 2727

Caps – refills

Shade	16 x 0.25 g
A1	REF 2742
A2	REF 2743
A3	REF 2744
A3.5	REF 2745
A4	REF 2746
B1	REF 2749



TIP:

The curing works perfectly with the Celalux 3 (p. 16)

Grandio®SO Light Flow

Flowable nano-hybrid restorative material – low viscous

Indications

- Filling / characterisation of small cavities
- Filling / characterisation of class III, IV and V cavities
- Extended fissure sealing
- Blocking out undercuts
- Lining or coating cavities
- Repairing fillings, veneers and temporary restorations
- Luting translucent prosthetic pieces

Advantages

- **Low viscosity** – outstanding flow properties and therefore optimally suitable for hard-to-reach areas and small cavities
- **Extra-fine cannula** – for precise and pinpoint application, dosage without excess residues
- **High performance** – excellent physical properties, e.g. filler content of 76 % by weight
- **High aesthetics** – 8 shades for individualised applications



Grandio®SO Light Flow

REF 2585 – Set syringe 5 x 2 g (A1, A2, A3, A3.5, W0), shade guide, accessories

Syringe – refills

Shade	2 x 2 g
A1	REF 2586
A2	REF 2587
A3	REF 2588
A3.5	REF 2589
B1	REF 2590
W0	REF 2591
OA2	REF 2592
Incisal	REF 2593

REF 2144 Application cannulae type 44, 100 pcs.

REF 2147 Application cannulae type 45, 100 pcs.



TIP:

Low-viscosity nano-hybrid composite for **delicate applications**

The curing works perfectly with the Celalux 3 (p. 16)

Ufi Gel® hard C · Ufi Gel® hard

Hard direct denture relining



Indications

Hard, permanent total or partial relinings to restore the functions of partial and total dentures

Lengthening of denture margins

Advantages

- Complete, hard relining
- Methyl methacrylate-free
- Neutral taste and odour
- No heat development in the mouth
- Good colour stability
- As easy as taking an impression
- Aesthetic, high patient acceptance and comfort
- Smooth surface
- New layers can be added at any time

SC
self-curing

auto
mix

Ufi Gel® hard C

- REF 2215 Set cartridge 80 g, adhesive bottle 10 ml, accessories
- REF 2218 Set + dispenser cartridge 80 g, adhesive bottle 10 ml, accessories
- REF 2216 Cartridge 80 g, accessories
- REF 2217 Adhesive bottle 10 ml
- REF 2158 Dispenser – type 2
- REF 2187 Mixing tips type 8, 50 pcs.

Ufi Gel® hard

- REF 2210 Set powder 60 g, liquid bottle 40 ml, conditioner bottle 20 ml, accessories

Clinical case



GRINDING
OF
EXCESS



Ufi Gel® SC · Ufi Gel® P

Permanently soft, cold-curing relining material on silicone base



Indications

Permanently soft relining for total and partial dentures

- to eliminate pressure spots
- to dam the palatal vibrating line
- in cases of flabby ridges and / or insufficient adhesion
- to cushion sharp-edged alveolar processes
- to support the healing process in implantology

Advantages

- Top quality relining silicone
- Remains permanently soft
- Special adhesive for extreme bonding of silicone to denture
- Biocompatible (methacrylate-free)
- Neutral odour and taste
- Stable, aesthetic colour with chameleon effect
- Fewer steps than with other cold-cured materials
- For all PMMA based dentures
- Easy and fast application of direct and indirect relining
- Excellent adaptation to fine details for a precise fit of the denture
- Resistant against standard denture cleansers



SC
self-curing

auto
mix

Ufi Gel® SC

- REF 2041 Set cartridge 50 ml, adhesive bottle 10 ml, glazing base 10 ml, glazing catalyst 10 ml, accessories
- REF 2040 Cartridge 50 ml, accessories
- REF 2029 Adhesive bottle 10 ml
- REF 2047 Glazing bottle 2 × 10 ml (base / catalyst)
- REF 2049 Polishing discs, 10 pcs.
- REF 2158 Dispenser – type 2
- REF 2187 Mixing tips type 8, 50 pcs.

Ufi Gel® P

- REF 2070 Set tube base 50 ml, catalyst 50 ml, glazing base 10 ml, glazing catalyst 10 ml, adhesive bottle 10 ml, accessories
- REF 2071 Tube 2 × 50 ml (base / catalyst)
- REF 2076 Adhesive bottle 10 ml
- REF 2077 Glazing bottle 2 × 10 ml (base / catalyst)
- REF 2309 Disposable brushes for dental brush holder, 100 pcs.
- REF 2315 Mixing palettes, 20 pcs.
- REF 2338 Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.

Clinical case



SEATING OF THE
PROSTHESIS AND
MOVEMENTS OF
THE MANDIBLE



Individo® Lux

Preformed individual impression trays, light-curing



Indications

Production of individual impression and function trays for use in crown, bridge and total prosthetic techniques, for the production of bases for bite templates and for the production of occlusal registrations

Advantages

- In blue transparent or blue opaque colour
- Allows precise and economic processing
- Stable trays
- Pleasant mint flavour
- Non-sticky consistency
- Light-cured with standard halogen light or UVA lights

3-5 min
light-curing

Indivio® Lux

REF 2402	Maxillae 50 pcs. blue opaque
REF 2403	Mandibles 50 pcs. blue opaque
REF 2408	Maxillae 50 pcs. blue transparent
REF 2409	Mandibles 50 pcs. blue transparent



Profibase

Preformed transparent pink impression trays / base plates, light-curing



Indications

Fabrication of individual impression and functional trays for use in crown, bridge and total prosthetic technique to be used for the fabrication of bases of bite patterns as well as for dimensionally stable base plates for wax contouring in the total prosthetic technique

Advantages

- Gingiva shade
- Simple and time-saving shaping by hand
- Permanent stability and compressive strength
- Pleasant mint flavour
- Non-sticky consistency
- Light-cured with standard halogen light or UVA lights

3-5 min
light-curing

Profibase

REF 2111	Maxillae / mandibles 2 × 25 pcs.
REF 2112	Maxillae 50 pcs.
REF 2113	Mandibles 50 pcs.

Block Out Gel LC

Light-curing block out material



Indications

Blocking out of plaster models

Advantages

- Blue colour for simple application control
- Easy application directly from the syringe

10-30 sec
light-curing

Block Out Gel LC

REF 1661	Syringe 4 × 1.2 ml, accessories
REF 2144	Application cannulae type 44, 100 pcs.

Not available in Canada

Traypurol® tabs

Active-tabs for cleaning impression trays and instruments



Indications

Self-acting cleaning of impression trays and instruments

Advantages

- Removes alginates and cements within a short amount of time
- Especially easy to dose
- No vigorous stirring necessary – the tabs automatically dissolve when placed in water
- Gentle to material – suitable for all rustproof metals (including aluminium) and plastics
- Bio-degradable and pH-neutral
- Can be used in ultrasonic baths

Traypurol® Tabs

REF 2355 50 pcs.

Traypurol®

Concentrated cleaning agent for impression trays and instruments



Indications

Self-acting cleaning of impression trays and instruments

Advantages

- Simply diluted in water
- Removes residues of alginates, zinc oxide eugenol, glass ionomer, carboxylate and phosphate cements
- Cleans trays and instruments reliably overnight
- Can be used in ultrasonic devices
- Suited also for non-oxidising metals and plastic
- Biodegradable and gentle

Traypurol®

REF 2289 Bottle 1 l

REF 2290 Canister 5 l

REF 2304 Dispenser pump – canister 5 l

Not available in Canada



FURTHER PRODUCTS

With VOCO's wide range of laboratory equipment, you are excellently set to carry out even the most demanding work with the highest precision. We also recommend our extensive portfolio for further workflow, because; all VOCO products – with flexible compatibility – are optimally matched to each other. For a comfortable handling and a high quality result, which convinces the patient in regards to the functionality,

wearing comfort and stability as well as the aesthetics. On the following pages, we present, inter alia, our luting cements, silicones for bite registration and precision impression materials as well as various dispenser, mixing cannulas and application tips.

Quick Up®

Self-curing luting material for attachments and secondary denture parts



Indications

Gingiva-coloured composite for luting attachments, such as ball, Locator® and telescope retention elements in prostheses with acrylic bases

Reluting secondary elements in prostheses with acrylic bases, e.g. connecting bars

Advantages

- High strength values
- Complete set for immediate use, including checking and block out material for primary structures that require protection, e.g. implants
- Ideal combination of self-curing luting material and light-curing correction material

Locator® is not a registered trademark of VOCO GmbH.

Application



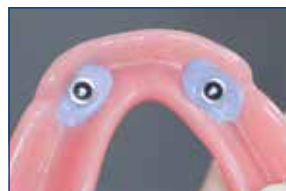
Implant with fitted attachments



Prosthetic base with the recesses for the attachments already created



Checking the accuracy of the fit with Fit Test C & B



Checking of attachments for fitting accuracy with Fit Test C & B



Blocking out, covering of primary parts / gingiva with Fit Test C & B



Applying Quick Up from the QuickMix syringe



Applying Quick Up LC to correct deficits and superficial defects



Luted attachment in the prosthesis



Quick Up®

REF 1625	Set QuickMix syringe 7.5 g, Quick Up LC syringe 2 g, adhesive bottle 4 ml, Fit Test C & B QuickMix syringe 5 ml, accessories
REF 1626	QuickMix syringe 7.5 g, accessories
REF 1627	Quick Up LC syringe 2 g, accessories
REF 1628	Adhesive bottle 4 ml, accessories
REF 2261	Dispenser – QuickMix
REF 2189	Mixing tips type 10, 50 pcs.
REF 2144	Application cannulae type 44, 100 pcs.
REF 2247	Single Tim, application brushes, 100 pcs.
REF 2315	Mixing palettes, 20 pcs.



SUITABLE WITH:

Fit Test C & B. p. 33

Bifix® QM

Dual-curing universal composite-based luting system



Also for
zirconium dioxide
luting



Indications

Adhesive luting of inlays, onlays, veneers, crowns, partial crowns, bridges, root posts and adhesive bridges (Maryland bridges)

20 sec
light-curing

DC
dual-curing

auto
mix

3
shades

Advantages

- For all materials (metal, composite inlays and ceramic, also zirconium dioxide)
- Bubble-free perfect mixing
- Direct application
- Excellent adhesion to dentine, enamel and to metals
- Special one-step Ceramic Bond for optimal adhesion to porcelain
- Radiopaque
- Available in three shades
- Available as an all-in-one set

Bifix® QM

REF 1217	Set QuickMix syringe 10 g U (universal), Futurabond DC bottle 4 ml each of liquid 1 and 2, Ceramic Bond bottle 5 ml, accessories
REF 1218	QuickMix syringe 10 g universal, accessories
REF 1219	QuickMix syringe 10 g transparent, accessories
REF 1759	QuickMix syringe 10 g white-opaque, accessories
REF 2261	Dispenser – QuickMix
REF 2191	Mixing tips type 11, 50 pcs.
REF 2139	Intraoral tips type 1, 50 pcs., to be used in the root canal
REF 2142	Intraoral tips type 4, 50 pcs.

Application



SUITABLE WITH:

Ceramic Bond p. 28

Source: Prof. Jürgen Manhart, Munich / Germany

Bifix® Hybrid Abutment

Universal, dual-curing luting composite for intraoral and extraoral application

With highly
opaque shades

Indications

Permanent extraoral and intraoral luting of superstructures (incl. mesostructures) made of metal, ceramics, zirconium dioxide and polymers (composite, hybrid ceramics or PMMA) on

- prefabricated adhesive/titanium bases (extraorally only)
- customised titanium and zirconium dioxide bases (both extraorally and intraorally)
- dental hard tissue

Advantages

- All-in-one – permanent luting of all known dental materials
- Highest flexibility – intraoral application in the practice and extraoral in the laboratory
- High aesthetic – the perfect masking of dark substrates with highly opaque shades
- With Try-In pastes – precise shade simulation for hybrid abutments, abutment crowns and core treatments



DC
dual-curing

**auto
mix**

**3
shades**

Bifix® Hybrid Abutment

REF 2410	Implant Set – QuickMix syringe 10 g (universal HO), Try-In syringe 2.5 g, Ceramic Bond bottle 5 ml, Futurabond U <i>SingleDose</i> 5 pcs., accessories
REF 2411	QuickMix syringe 10 g (universal HO), Try-In syringe 2.5 g, accessories
REF 2412	QuickMix syringe 10 g (white HO), Try-In syringe 2.5 g, accessories
REF 2413	QuickMix syringe 10 g (translucent), Try-In syringe 2.5 g, accessories
REF 2261	Dispenser – QuickMix

For further accessories see p. 34/35

Ceramic Bond

Coupling agent for porcelain (incl. zirconium dioxide) and composite

Also for
zirconium dioxide
luting



ceramic

composite

Indications

Ceramic Bond is used as a coupling agent to achieve an optimal bond strength between indirect restorations made of either silicate ceramics, aluminium oxide, zirconium dioxide, metal or composite, as well as glass fibre- reinforced composite posts, on the one side and methacrylate-based luting composites on the other side.

Advantages

- Creates ideal conditions for a durable bond between indirect restoration and luting composite
- No mixing required

Advantages of the *SingleDose*

- Easy, quick and hygienic
- No additional devices required
- No spilling in any position

Ceramic Bond

REF 1106	Bottle 5 ml
REF 1107	<i>SingleDose</i> 50 pcs., accessories

Provicol® QM

Eugenol-free temporary luting cement with calcium hydroxide



Indications

Temporary luting of inlays, onlays, crowns, partial crowns and bridges

Temporary filling of small one-surface cavities

Advantages

- Semi-elastic properties for safe adhesion of the temporary
- Contains calcium hydroxide which is known to support the formation of tertiary dentine have an antimicrobial effect
- Eugenol-free, thus low allergy potential
- Ideal before adhesive luting with resin cements, because no inhibition of curing reaction of resin-based filling or luting materials



Provicol® QM

REF 1074	QuickMix syringe 5 ml, accessories
REF 2261	Dispenser – QuickMix
REF 2189	Mixing tips type 10, 50 pcs.

Provicol® QM Plus

Eugenol-free temporary luting cement with calcium hydroxide



Indications

Temporary luting of inlays, onlays, crowns, partial crowns and bridges

Temporary filling of small one-surface cavities

Advantages

- Increased strength for more retention and secure adhesion
- High level of radiopacity
- Semi-elastic properties for safe adhesion of the temporary
- Contains calcium hydroxide which is known to support the formation of tertiary dentine have an antimicrobial effect
- Eugenol-free, thus low allergy potential
- Ideal before adhesive luting with resin cements, because no inhibition of curing reaction of resin-based filling or luting materials



Provicol® QM Plus

REF 1098	QuickMix syringe 5 ml, accessories
REF 1099	Set QuickMix syringe 3 x 5 ml (2 x Provicol QM, 1 x Provicol QM Plus), accessories
REF 2261	Dispenser – QuickMix
REF 2189	Mixing tips type 10, 50 pcs.

Provicol® QM Aesthetic

Translucent, temporary luting cement with calcium hydroxide, eugenol-free



Indications

Temporary luting of provisional or definitive inlays, onlays, crowns, partial crowns / veneers and bridges

Temporary filling of small one-surface cavities

Advantages

- Highly aesthetic, translucent appearance
- Increased strength for more retention and secure adhesion
- Optimum flowability for easy cementation
- Pinpoint stability allows precise removal of excess material
- Accurate fit due to very low film thickness
- Eugenol-free: no inhibition of curing reaction of resin-based filling or luting materials
- Free from colophony: low allergy potential
- Contains calcium hydroxide and zinc oxide
 - Calcium hydroxide supports the formation of tertiary dentine and has bacteriostatic effect
 - Zinc oxide is known for its antibacterial effect
- Radiopaque



Provicol® QM Aesthetic

REF 1108	QuickMix syringe 5 ml, accessories
REF 1109	Set II QuickMix syringe 3 x 5 ml (1 x Provicol QM, 1 x Provicol QM Plus, 1 x Provicol QM Aesthetic), accessories
REF 2189	Mixing tips type 10, 50 pcs.
REF 2261	Dispenser – QuickMix

Clinical case



Easy removal of excess material



Attractive result with ZrO₂ crowns

Source: Hamilton Renato
Pereira Lima, Santos,
São Paulo / Brazil

Registrado® X-tra

Addition-curing silicone for bite registration, extra hard, fast setting



Indications

Occlusal bite registration
Fixing of face bow registrations
Location material for intraoral pin tracing templates

Advantages

- Optimised final hardness
- Allows application without time pressure
- Highly thixotropic qualities
- Good grinding properties
- Very precise impressions
- With economic mixing tips

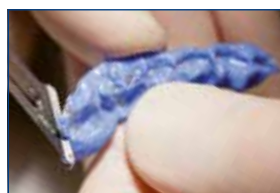
Application



Excellent surface affinity



No resistance on occlusion



The bite registration can be easily trimmed with a scalpel

SC
self-curing

auto
mix

Shore-A
90

Registrado® X-tra

REF 2035	Cartridge 2 × 50 ml, accessories
REF 2036	Cartridge 8 × 50 ml, accessories
REF 2158	Dispenser – type 2
REF 2196	Mixing tips type 16, 50 pcs.
REF 2140	Intraoral tips type 2, 50 pcs.

Registrado® Clear

Transparent addition-curing silicone for bite registration, fast setting



Indications

Bite registration
Registration key for intraoral bearing device registration
Fixing of X-ray balls
Front and occlusal record
Silicone key for composite restorations

Advantages

- High final hardness combined with high transparency
- Convincing material consistency, ensures adherence to the row of teeth
- Work without time pressure thanks to temperature-controlled curing process (accelerated curing starts only when mouth closed)
- High dimensional and shape stability (> 99 %)
- Light-curing can be carried out perfectly through a layer of Registrado Clear

SC
self-curing

auto
mix

Shore-A
80

Registrado® Clear

REF 2037	Cartridge 50 ml, accessories
REF 2158	Dispenser – type 2
REF 2196	Mixing tips type 16, 50 pcs.
REF 2140	Intraoral tips type 2, 50 pcs.

Not available in Canada

V-Posil Putty Fast · Putty Soft Fast · Heavy Soft Fast · Mono Fast

Precision impression material, VPS



Indications

V-Posil Putty Fast / Soft Fast is used as preliminary material for

- two-step putty-wash impression technique
- one-step putty-wash impression technique
- two-step putty-wash impression technique using a foil (plastic putty spacer)
- one-step putty impression technique for forming functional peripheries

V-Posil Heavy Soft Fast is to be used as heavy bodied material for

- one-step impression technique (simultaneous technique) using dual viscosities
- two-step impression technique using dual viscosities
- functional impressions

V-Posil Mono Fast is to be used as a medium bodied tray or syringeable impression material for

- taking impressions over fixed / removable restorations and implants (i. e., transferring impression posts and bridge components)
- functional impressions
- fabricating crown and bridgework or inlays
- fabricating full or partial dentures
- reline impressions
- transferring root posts when fabricating posts and cores indirectly
- multi tray technique
- use in the simultaneous mixing technique as well as the putty-wash technique



V-Posil® Putty Fast

- REF 2561 Jar 2 × 450 ml, accessories
- REF 2562 Jar 8 × 450 ml, accessories
- REF 2564 Cartridge 2 × 380 ml
- REF 2203 Mixing tips type 30, 50 pcs.

V-Posil® Putty Soft Fast

- REF 2579 Jar 2 × 450 ml, accessories

V-Posil® Heavy Soft Fast

- REF 2565 Cartridge 380 ml, accessories
- REF 2566 Cartridge 2 × 380 ml
- REF 2567 Cartridge 2 × 50 ml, accessories
- REF 2568 Cartridge 10 × 50 ml
- REF 2196 Mixing tips type 16, 50 pcs.
- REF 2203 Mixing tips type 30, 50 pcs.

V-Posil® Mono Fast

- REF 2569 Cartridge 380 ml, accessories
- REF 2570 Cartridge 2 × 380 ml
- REF 2571 Cartridge 2 × 50 ml, accessories
- REF 2572 Cartridge 10 × 50 ml
- REF 2196 Mixing tips type 16, 50 pcs.
- REF 2203 Mixing tips type 30, 50 pcs.
- REF 2133 Intraoral tips type 6, 50 pcs.

Advantages

- High precision – strongly hydrophilic addition-curing silicone for good wetting of oral structures
- Treatment comfort – long working time combined with a short intraoral setting time*
- Safe removal – high toughness allows removal without damaging filigree structures
- Perfect prosthetics – good hydrophilicity and high recovery after deformation of the set impression makes the pouring out and thus the restoration perfect

* V-Posil Putty Fast 380 ml: Extraoral working time ≤ 01:30 min., time in mounth ≥ 02:30 min.

Cimara®

Material for ceramic repair with light-curing composite



Indications

Intraoral repairs of defects in ceramic or composite veneer, fixed prosthetic work with metal frames

Advantages

- Acid-free ceramic repair in only one session
- No removal or re-cementation of restorative pieces
- Simple working steps
- No additional devices required
- Permanent bond of composite to porcelain
- High shear bonding strength



Cimara®

REF 1196	Set coupling silane 8 × 0.3 ml, adhesive bottle 4 ml, Opaquer LC syringe 1.2 g, GrandioSO Caps 8 × 0.25 g (A1, 2 × A2, 2 × A3, A3.5, B2, GA3.25), accessories
REF 1197	Coupling silane 4 × 0.3 ml, accessories
REF 1198	Adhesive bottle 4 ml
REF 1575	Opaquer LC syringe 1.2 g, accessories
REF 2147	Application cannulae type 45, 100 pcs.
REF 2309	Disposable brushes for dental brush holder, 100 pcs.
REF 2315	Mixing palettes, 20 pcs.
REF 2338	Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.

Fit Test® C & B

Addition-curing silicone material for checking of prosthetic reconstructions

Indications

Control of precision of fit, marginal adaptation and marginal gaps of

- full or partial crowns as well as bridges
- inlays / onlays
- cast post abutments / post crowns
- metal denture bases
- implant-supported crowns and bridges
- attachments and other secondary parts of dentures

Advantages

- Fast diagnostic help for all restorative pieces
- QuickMix syringe for simple handling – automatic bubble-free mixing
- Direct application
- Optimal colour for metal and ceramic restorations
- Fast results due to short working and setting time

auto
mix



Fit Test® C & B

REF 2095	QuickMix syringe 5 ml, accessories
REF 2261	Dispenser – QuickMix
REF 2188	Mixing tips type 9, 50 pcs.
REF 2191	Mixing tips type 11, only with intraoral tips type 1, 50 pcs.
REF 2139	Intraoral tips type 1, 50 pcs.

Dispenser type 2

Dispenser to extrude dental materials from cartridges



For 1:1 or 1:2 cartridges (50 ml)

REF 2158 Dispenser – type 2

QuickMix Dispenser

Dispenser to extrude dental materials from QuickMix syringes



For 1:1 QuickMix syringes

REF 2261 Dispenser – QuickMix

Application brush dispenser

Dispenser for hygienic removal of application brushes – can be repeatedly refilled with two types of brushes



REF 2244 Dispenser – application brushes

OtoFlash

Polymerisation unit for light-curing resin materials



Advantages







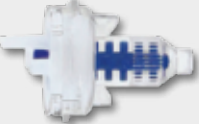
- Short curing times thanks to 2 flash bulbs on the underside
- Reliably curing due to intensive light output in a wavelength range of 280 - 580 nm
- The device can optionally be supplied with protective gas equipment





OtoFlash




REF 9133 Polymerisation unit
REF 9130 Polymerisation unit with connection for inert gas
REF 9132 Tray

Technical Data

Dimensions of polymerisation chamber	120 × 120 × 50 mm
Rated voltage	100, 117, 230 volt AC, adjustable by switch
Power input	250 watt
Spectral distribution	280–700 nm, max. between 400 and 500 nm
Flash frequency	10 flashes per second
Digital timer	adjustable from 1 to 9,999 flashes
Dimensions	310 × 310 × 140 mm
Weight	6 kg

Mixing tips					
REF 2187	Mixing tips type 8 for Ufi Gel hard C, Ufi Gel SC, 50 pcs.		REF 2191	Mixing tips type 11 for Bifix Hybrid Abutment, Bifix QM, Fit Test C & B only with intraoral tips type 1, 50 pcs.	
REF 2188	Mixing tips type 9 for Bifix Hybrid Abutment, Fit Test C & B, 50 pcs.		REF 2196	Mixing tips type 16 (for intraoral tips type 2) for Registrado Clear / X-tra / Scan, V-Posil Heavy Soft Fast in cartridge, V-Posil Mono Fast in cartridge, 50 pcs.	
REF 2189	Mixing tips type 10 for Quick Up, Provicol QM / Plus / Aesthetic, 50 pcs.		REF 2202	Mixing tips type 20 for CediTEC, 50 pcs.	
			REF 2203	Mixing tips type 30 for V-Posil Heavy Soft Fast in large cartridge, V-Posil Mono Fast in large cartridge, V-Posil Putty Fast in large cartridge, 50 pcs.	

Intraoral tips					
REF 2139	Intraoral tips type 1 for Bifix Hybrid Abutment, Bifix QM, Fit Test C & B, 50 pcs.		REF 2142	Intraoral tips type 4 for Bifix Hybrid Abutment, Bifix QM, 50 pcs.	
REF 2140	Intraoral tips type 2 for Registrado Clear, Registrado X-tra, Registrado Scan, 50 pcs.		REF 2133	Intraoral tips type 6 for V-Posil Mono Fast, 50 pcs.	

Application cannulae					
REF 2146	Application cannulae type 41 for Bifix Hybrid Abutment, GrandioSO Flow, 100 pcs.		REF 2147	Application cannulae type 45 for Cimara Opaquer LC, FinalTouch, GrandioSO Light Flow, 100 pcs.	
REF 2144	Application cannulae type 44 for Block Out Gel LC, GrandioSO Light Flow, Quick Up LC, 100 pcs.				

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