LABORATORY CATALOGUE

Laboratory products

V-Print 3D printing material

SolFlex 3D printer

CAM-products
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. VOÇO 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.

Inform yourself on the next page about our versatile programme in proven VOÇO 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 VOÇO fans at Facebook, Instagram and YouTube!

With kind regards from Cuxhaven

Your VOÇO-Team
**LABORATORY PRODUCTS**

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**ICONS**

The VOOC 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**
  - **DC dual-curing**: This product either cures through exposure to light or it self-cures chemically. For detailed information, please consult the instructions for use.
  - **SC self-curing**: This product self-cures chemically. For detailed information, please consult the instructions for use.
  - **10 sec light-curing**: This product cures through exposure to light. The time indicated represents the average time. For detailed information, please consult the instructions for use.
  - **no conditioning**: 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.
  - **self-etch**: 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.

- **Radiopacity**
  - **300% 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**
  - **≤ 2 min.**

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

- **Working directions**
  - **no polishing**: This product does not require additional polishing when completely cured. For detailed information, please consult the instructions for use.

- **Material compatibility**
  - **ceramic**: This product can be used with the materials indicated. For detailed information, please consult the instructions for use.

- **CAD / CAM**
  - **CAD / CAM**: This product is suitable for use in digital dentistry. For detailed information, please consult the instructions for use.

- **Shore-A hardness**
  - **≥ 2 min.**
  - **no**
DIGITAL WORKFLOW

ADDITIVE vs. SUBTRACTIVE

DIGITAL SCAN

C.A.D. SOFTWARE 1

C.A.M. SOFTWARE 2

NESTING/SLICING

NESTING

C.A.D. / C.A.M. MATERIALS

RESINS

BLOCKS / DISCS

C.A.M. – COMPUTER-AIDED-MANUFACTURING

3D-PRINTER

MILLING MACHINE

POST-PROCESSING

CLEANING, REMOVAL OF SUPPORT-STRUCTURES, LIGHT-CURING, GRINDING AND POLISHING

CLEANING, REMOVAL OF CONNECTORS, POLISHING

Temporary crown

Permanent crown

Inlay

Onlay

Night Guards

Education models

Surgical guides

Prostheses

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, phosphate-bonded investment materials
• Restorations free of impurities – V-Print cast burns out without residues

CAD / CAM
All print partners can be found here www.voco.dental/3dprintingpartners

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

CAD / CAM
All print partners can be found here www.voco.dental/3dprintingpartners
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

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
Not available in Canada

All print partners can be found here
www.voco.dental/3dprintingpartners
V-Print® model

Light-curing resin for the generative production of dental models

Indications
Dental working and presentation models

Advantages
• Can be ground precisely – no undesirable changes to the workpiece (e.g. due to heat generation)
• Scratch-proof, very hard surface – allows trial fitting without deformation
• Suitable for thermoforming technique – no deformation caused by heat from the process
• High precision – for perfectly fitting restorations

V-Print® model fast

Light-curing resin for the generative production of fast printable models, especially for the dental thermoforming technique

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® 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

SUITABLE WITH:
CediTEC DT . . . . . . . . p. 10
CediTEC . . . . . . . . . . . . p. 11

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

Not available in Canada

All print partners can be found here
www.voco.dental/3dprintingpartners
**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

**Medical device class IIIa – approved for wound contact**

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<td>Rated voltage</td>
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<td>Flash frequency</td>
</tr>
<tr>
<td>Digital timer</td>
</tr>
<tr>
<td>Dimensions</td>
</tr>
<tr>
<td>Weight</td>
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</table>

**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

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<td>REF 9133 Polymerisation unit</td>
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<tr>
<td>REF 9130 Polymerisation unit with connection for inert gas</td>
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<td>REF 9132 Tray</td>
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All print partners can be found here [www.voco.dental/3dprintingpartners](http://www.voco.dental/3dprintingpartners)

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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 x 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

The list of devices is continually extended and can be found at www.voco.dental/devicesceditecdt
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
• 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 made with the CediTEC System

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
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

<table>
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<tr>
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<td>A2</td>
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Technical Data

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<td>Filler content</td>
<td>27 % w/w</td>
<td>DIN 51081</td>
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<tr>
<td>3-point-flexural-strength</td>
<td>136 MPa</td>
<td>Analogous ISO 10477</td>
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<tr>
<td>E-modulus</td>
<td>4.4 GPa</td>
<td>Analogous ISO 10477</td>
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<tr>
<td>Compressive strength</td>
<td>477 MPa</td>
<td>Analogous ISO 9917</td>
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<td>Abrasion (200,000 cycles)</td>
<td>85 μm</td>
<td>ACTA-3-media</td>
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**Size disc**

![Size disc diagram](image)

**Size block**

![Size block diagram](image)

**Example – Restoration**

[Image of restoration example]

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

The list of devices is continually extended and can be found at [www.voco.dental/devicesstructurcad](http://www.voco.dental/devicesstructurcad)
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
- 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

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<th>High translucent (HT)</th>
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<td><strong>Filler content</strong></td>
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<tr>
<td><strong>Biaxial flexural strength</strong></td>
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<tr>
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<td>18.28 GPa</td>
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<tr>
<td><strong>Compressive strength</strong></td>
<td>530 MPa</td>
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<tr>
<td><strong>Water uptake</strong></td>
<td>13.6 µg/mm³</td>
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SUITABLE WITH:

- FinalTouch . . . . . . . . . p. 17
- GrandioSO Flow. . . . . . . p. 18
- GrandioSO Light Flow . . . . . p. 19

**TIP:** Ideal for individualisation

Grandio® blocs

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<tr>
<th>Shade</th>
<th>2 x No. 12 (A2 LT, A3 HT), 3 x No. 14L (A3 LT, A3 HT, A3.5 LT), Bifix QM QuickMix syringe 10 g universal, Futurabond U SingleDose 5 pcs., Ceramic Bond bottle 5 ml, Dimanto set, accessories</th>
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<td>A2 LT</td>
<td>REF 6004 REF 6019</td>
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<td>A3 LT</td>
<td>REF 6005 REF 6020</td>
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<td>A3.5 LT</td>
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<tr>
<td>B1 LT</td>
<td>REF 6007 REF 6022</td>
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<tr>
<td>C2 LT</td>
<td>REF 6008 REF 6023</td>
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<tr>
<td>BL LT</td>
<td>REF 6009 REF 6024</td>
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</table>

<table>
<thead>
<tr>
<th>Shade</th>
<th>5 x No. 12</th>
<th>5 x No. 14L</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 HT</td>
<td>REF 6012</td>
<td>REF 6027</td>
</tr>
<tr>
<td>A2 HT</td>
<td>REF 6013</td>
<td>REF 6028</td>
</tr>
<tr>
<td>A3 HT</td>
<td>REF 6014</td>
<td>REF 6029</td>
</tr>
<tr>
<td>A3.5 HT</td>
<td>REF 6015</td>
<td>REF 6030</td>
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<table>
<thead>
<tr>
<th>Shade</th>
<th>5 x No. 12</th>
<th>5 x No. 14L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed*</td>
<td>REF 6033</td>
<td>REF 6034</td>
</tr>
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</table>

*each of 1 × A1 LT, B1 LT, C2 LT, BL LT, A1 HT

Grandio® disc

<table>
<thead>
<tr>
<th>Shade</th>
<th>1 × 15 mm, ø 98 mm</th>
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<tbody>
<tr>
<td>Low translucent (LT)</td>
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</tr>
<tr>
<td>A1 LT</td>
<td>REF 6050</td>
</tr>
<tr>
<td>A2 LT</td>
<td>REF 6051</td>
</tr>
<tr>
<td>A3 LT</td>
<td>REF 6052</td>
</tr>
<tr>
<td>A3.5 LT</td>
<td>REF 6053</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shade</th>
<th>1 × 15 mm, ø 98 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>High translucent (HT)</td>
<td></td>
</tr>
<tr>
<td>A1 HT</td>
<td>REF 6057</td>
</tr>
<tr>
<td>A2 HT</td>
<td>REF 6058</td>
</tr>
<tr>
<td>A3 HT</td>
<td>REF 6059</td>
</tr>
<tr>
<td>A3.5 HT</td>
<td>REF 6060</td>
</tr>
</tbody>
</table>
Size disc

Sizes blocs

No. 14L

No. 12

Example – restorations

Clinical case

Initial clinical situation

Core preparation

Crown directly after milling

Finally prepared restorations

Inserted restorations

Final result

Source: Dr. Felipe Moura, 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

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

Application

Light guide
Control button
Rubber shield
Replaceable battery
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

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

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

Not available in Canada
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 % Al) 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 × 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
<table>
<thead>
<tr>
<th>Shade</th>
<th>Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>REF 2722</td>
</tr>
<tr>
<td>A2</td>
<td>REF 2723</td>
</tr>
<tr>
<td>A3</td>
<td>REF 2724</td>
</tr>
<tr>
<td>A3.5</td>
<td>REF 2725</td>
</tr>
<tr>
<td>A4</td>
<td>REF 2726</td>
</tr>
<tr>
<td>WO</td>
<td>REF 2737</td>
</tr>
<tr>
<td>Incisal</td>
<td>REF 2733</td>
</tr>
<tr>
<td>B1</td>
<td>REF 2729</td>
</tr>
<tr>
<td>B2</td>
<td>REF 2730</td>
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<tr>
<td>B3</td>
<td>REF 2736</td>
</tr>
<tr>
<td>C2</td>
<td>REF 2732</td>
</tr>
<tr>
<td>OA2</td>
<td>REF 2734</td>
</tr>
<tr>
<td>GA5</td>
<td>REF 2727</td>
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</table>

Caps – refills
<table>
<thead>
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<th>Shade</th>
<th>Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>REF 2742</td>
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<tr>
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<td>REF 2743</td>
</tr>
<tr>
<td>A3</td>
<td>REF 2744</td>
</tr>
<tr>
<td>A3.5</td>
<td>REF 2745</td>
</tr>
<tr>
<td>A4</td>
<td>REF 2746</td>
</tr>
<tr>
<td>B1</td>
<td>REF 2749</td>
</tr>
</tbody>
</table>

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, WO), 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
  - WO    | REF 2591
  - OA2   | REF 2592
  - Incisal | REF 2593
- Application cannulae type 44, 100 pcs.
  - REF 2144
- Application cannulae type 45, 100 pcs.
  - REF 2147

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

Clinical case

GRINDING
OF
EXCESS

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
**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

**Clinical case**

**SEATING OF THE PROSTHESIS AND MOVEMENTS OF THE MANDIBLE**

---

**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 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. |
Individo® Lux

Preformed individual impression trays, light-curing

Indications
Fabrication of individual trays from contoured plates for maxillae and mandibles

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

<table>
<thead>
<tr>
<th>Individo® Lux</th>
<th>Maxillae 50 pcs. blue opaque</th>
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<tbody>
<tr>
<td>REF 2402</td>
<td>Maxillae 50 pcs. blue opaque</td>
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<tr>
<td>REF 2403</td>
<td>Mandibles 50 pcs. blue opaque</td>
</tr>
<tr>
<td>REF 2408</td>
<td>Maxillae 50 pcs. blue transparent</td>
</tr>
<tr>
<td>REF 2409</td>
<td>Mandibles 50 pcs. blue transparent</td>
</tr>
</tbody>
</table>
Profibase
Preformed transparent pink impression trays / base plates, light-curing

### Indications
- Fabrication of gingiva shaded bases for wax models of complete and partial dentures
- Fabrication of individual trays from contoured plates for maxillae and mandibles

### 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

---

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

---

<table>
<thead>
<tr>
<th>Profibase</th>
<th>Maxillae / mandibles 2 x 25 pcs.</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>REF 2112</td>
<td>Maxillae 50 pcs.</td>
</tr>
<tr>
<td>REF 2113</td>
<td>Mandibles 50 pcs.</td>
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</table>

<table>
<thead>
<tr>
<th>Block Out Gel LC</th>
<th>Syringe 4 x 1.2 ml, accessories</th>
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<tbody>
<tr>
<td>REF 1661</td>
<td></td>
</tr>
<tr>
<td>REF 2144</td>
<td>Application cannulae type 44, 100 pcs.</td>
</tr>
</tbody>
</table>

*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 alginate 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®
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 alginate, 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
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.

FURTHER PRODUCTS
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

Suitable with:
Fit Test C & B... p. 33
Bifix® QM

Dual-curing universal composite-based luting system

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

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

Application

Source: Prof. Jürgen Manhart, Munich / Germany

SUITABLE WITH:

Ceramic Bond . . . . . . . p. 28
**Bifix® Hybrid Abutment**

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

**NEW**

**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

---

**Ceramic Bond**

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

Also for zirconium dioxide luting

**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

---

**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 SingleDose 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
Not available in Canada*

**Ceramic Bond**

REF 1106  Bottle 5 ml
REF 1107  SingleDose 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 and 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 and 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.
**Registrado® Scan**
Scannable addition-curing silicone for bite registration, hard, fast setting

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

**Advantages**
- Scanning without powder
- Precise reproduction of occlusion
- High Shore A hardness
- Short intraoral setting time
- Good cutting properties
- Analog or digital

---

**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 und has bacteriostatic effect
  - Zinc oxide is known for its antibacterial effect
- Radiopaque

---

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Scannable addition-curing silicone for bite registration, hard, fast setting

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- 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 und has bacteriostatic effect
  - Zinc oxide is known for its antibacterial effect
- Radiopaque
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

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

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
- relining 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

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 $\leq 01:30$ min., time in mouth $\geq 02:30$ 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®
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

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

Fit Test® C & B
QuickMix syringe 5 ml, accessories
Dispenser – QuickMix
Mixing tips type 9, 50 pcs.
Mixing tips type 11, only with intraoral tips type 1, 50 pcs.
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)

QuickMix Dispenser

Dispenser to extrude dental materials from QuickMix syringes

For 1:1 QuickMix syringes

Application brush dispenser

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

### Mixing tips

<table>
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<tr>
<th>REF</th>
<th>Type</th>
<th>Details</th>
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<tr>
<td>REF 2187</td>
<td>Mixing tips type 8 for Ufi Gel hard C, Ufi Gel SC, 50 pcs.</td>
<td>REF 2191 Mixing tips type 11 for Bifix Hybrid Abutment, Bifix QM, Fit Test C &amp; B only with intraoral tips type 1, 50 pcs.</td>
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<td>REF 2188</td>
<td>Mixing tips type 9 for Bifix Hybrid Abutment, Fit Test C &amp; B, 50 pcs.</td>
<td>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.</td>
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<tr>
<td>REF 2189</td>
<td>Mixing tips type 10 for Quick Up, Provicol QM / Plus / Aesthetic, 50 pcs.</td>
<td>REF 2202 Mixing tips type 20 for CediTEC, 50 pcs.</td>
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<tr>
<td></td>
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<td>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.</td>
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<tr>
<td>Intraoral tips</td>
<td>REF 2139</td>
<td>Intraoral tips type 1 for Bifix Hybrid Abutment, Bifix QM, Fit Test C &amp; B, 50 pcs.</td>
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<tr>
<td></td>
<td>REF 2140</td>
<td>Intraoral tips type 2 for Registrado Clear, Registrado X-tra, Registrado Scan, 50 pcs.</td>
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<td></td>
<td>REF 2142</td>
<td>Intraoral tips type 4 for Bifix Hybrid Abutment, Bifix QM, 50 pcs.</td>
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<tr>
<td></td>
<td>REF 2133</td>
<td>Intraoral tips type 6 for V-Posil Mono Fast, 50 pcs.</td>
</tr>
<tr>
<td>REF 2133</td>
<td></td>
<td>Intraoral tips type 2 for Registrado Clear, Registrado X-tra, Registrado Scan, 50 pcs.</td>
</tr>
<tr>
<td>REF 2140</td>
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<td>Intraoral tips type 2 for Registrado Clear, Registrado X-tra, Registrado Scan, 50 pcs.</td>
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<td>REF 2139</td>
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<tr>
<td>REF 2142</td>
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<td>Intraoral tips type 4 for Bifix Hybrid Abutment, Bifix QM, 50 pcs.</td>
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<tr>
<td>REF 2143</td>
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<td>Intraoral tips type 5 for V-Posil Mono Fast, 50 pcs.</td>
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<tr>
<th>Application cannulae</th>
<th>REF 2146</th>
<th>Application cannulae type 41 for Bifix Hybrid Abutment, GrandioSO Flow, 100 pcs.</th>
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<td>REF 2144</td>
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<tr>
<td>REF 2143</td>
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<td>Application cannulae type 5 for V-Posil Mono Fast, 50 pcs.</td>
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<tr>
<td>REF 2144</td>
<td></td>
<td>Application cannulae type 44 for Block Out Gel LC, GrandioSO Light Flow, Quick Up LC, 100 pcs.</td>
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