



LABORATORY CATALOGUE 2013/2014



VOCO – THE DENTALISTS

Modern dentistry demands dental products of top material quality and user-friendliness. This calls for practice-oriented and efficient solutions. We at VOCO pursue exactly these goals. We see ourselves as “Dentalists“, i.e. specialists for dental materials. With this in mind, we focus on this one area of activity and concentrate all our efforts on the service to dentistry.

Since 1981, VOCO has been supplying dental practitioners all over the world with high-quality dental materials and today ranks among the internationally leading manufacturers in this sector. With our comprehensive range of over 100 quality products we supply dental practices and laboratories in over 100 countries with pharmaceuticals and medical devices “Made in Germany” for preventive, restorative and prosthetic dentistry.

Thanks to a certified quality management system and intensive research and development work, VOCO has again and again been able to set new standards in the development of innovative dental materials. For this purpose, VOCO researchers are involved in an active exchange of ideas and information with over 150 universities and other renowned research establishments throughout the world. The know-how of VOCO’s scientific experts is rated very highly. For instance, VOCO has already played a leading part in several research projects sponsored by the German Federal Ministry of Education and Research (BMBF).

The VOCO product range for dental laboratories comprises permanent hard and soft lining materials, various luting agents, materials for maxillary and mandibular impressions, cleaning agents, as well as a number of laboratory devices.

VOCO presents its current product range in this catalogue and hopes to provide you with useful inspiration and ideas for clinical practice.



Content






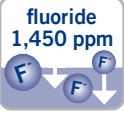









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Icons

As usual, the VOCO laboratory catalogue provides you with comprehensive information on each individual product and offers you a quick and practical overview of the entire product range. You can now find the main product characteristics at a glance: our new icons visualise the core properties, giving you an immediate picture of whether a material is self-curing or dual-curing, whether

conditioning is required, or how many seconds it needs to be light cured.

15 different icons enable you to quickly find the right product and make a first assessment and judgement within seconds, which allows you to quickly gain a general overview.

 <p>Material composition This product is based on nano-hybrid technology.</p>	 <p>no conditioning</p>	 <p>semi-permanent</p>	<p>Indications This product can be used for semi-permanent types of treatment. For detailed information, please consult the instructions for use.</p>
 <p>auto mix</p>	 <p>self-etch</p>	 <p>fluoride 1,450 ppm</p>	<p>Fluoride content This product contains the level of fluorides indicated. For detailed information, please consult the instructions for use.</p>
 <p>DC dual-curing</p>	 <p>Shore-A 80</p>	 <p>no polishing</p>	<p>Working directions This product does not require additional polishing when completely cured. For detailed information, please consult the instructions for use.</p>
 <p>SC self-curing</p>	 <p>300% radiopacity</p>	 <p>Ceramic</p>	<p>Material compatibility This product can be used with the materials indicated. For detailed information, please consult the instructions for use.</p>
 <p>10 sec light-curing</p>	 <p>10 shades</p>	 <p>NDT non dripping technology</p>	<p>Application of the material This material is available in the non-running, non-dripping NDT® syringe.</p>

Bifix® SE



Dual-curing self-adhesive composite-based luting system

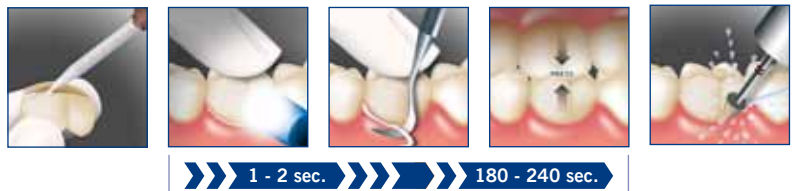


Indications

Definitive luting of inlays, onlays, crowns and bridges made from ceramic, zirconia, composite and / or metal
 Definitive luting of metal, ceramic and fibre-reinforced posts in the root canal

Advantages

- No etching, no bonding
- Short intraoral setting time
- Easiest excess removal
- Very good adhesion to all materials
- Very low water solubility
- No mixing mistakes
- Excellent biocompatibility
- Available in three colours



Easy gel-phase excess removal.
 Tack light-cure Bifix SE for 1 – 2 seconds per surface.
 The excess gel-like material is easily removeable,
 e.g. with a scaler.

Presentation

REF 1784	Set QuickMix syringe 3 × 5 g (universal, transparent, white-opaque), mixing tips type 14, mixing tips type 15 (for intraoral tip type 1), intraoral tips type 1
REF 1785	QuickMix syringe 5 g universal, mixing tips type 14 and 15, intraoral tips type 1
REF 1786	QuickMix syringe 5 g transparent, mixing tips type 14 and 15, intraoral tips type 1
REF 1787	QuickMix syringe 5 g white-opaque, mixing tips type 14 and 15, intraoral tips type 1

Bifix® QM



Dual-curing universal composite-based luting system



Indications

Permanent adhesive luting of inlays, onlays, crowns, bridges, Maryland bridges, veneers, pins and posts

Advantages

- For all materials (metal, composite inlays and ceramic, also zirconia)
- 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
- Try-In pastes simplify shade selection before cementation
- All-in-one set

Also for zirconia

Presentation

REF 1764	Expert set – QuickMix syringe 3 × 10 g (universal, transparent, white-opaque), mixing tips type 11, intraoral tips type 4, Try-In syringe 3 × 1.2 g (universal, transparent, white-opaque), application cannulae type 41, Ceramic Bond bottle 5 ml + Futurabond DC <i>SingleDose</i> 50 pcs., accessories
REF 1760	Set QuickMix syringe 3 × 10 g (universal, transparent, white-opaque), mixing tips type 11, intraoral tips type 4, Try-In syringe 3 × 1.2 g (universal, transparent, white-opaque), application cannulae type 41, Ceramic Bond bottle 5 ml, accessories
REF 1761	Syringe 1.2 g Try-In universal, accessories
REF 1762	Syringe 1.2 g Try-In transparent, accessories
REF 1763	Syringe 1.2 g Try-In white-opaque, accessories
REF 1217	Set QuickMix syringe 10 g U (universal), Futurabond DC bottle 4 ml each liquid 1 and 2, Ceramic Bond bottle 5 ml, mixing tips type 11, intraoral tips type 4, accessories
REF 1218	QuickMix syringe 10 g universal, mixing tips type 11, intraoral tips type 4, accessories
REF 1219	QuickMix syringe 10 g transparent, mixing tips type 11, intraoral tips type 4, accessories
REF 1759	QuickMix syringe 10 g white-opaque, mixing tips type 11, intraoral tips type 4, accessories
REF 1106	Ceramic Bond bottle 5 ml

Merlon



Radiopaque glass ionomer luting cement



Indications

Luting of metal-based crowns, bridges, inlays and onlays

Luting of high-strength all-ceramic crowns and bridges

Luting of metal-based and high-strength all-ceramic crowns and bridges on implant abutments

Luting of metal root posts or indirect metal post core build-ups

Luting of prefabricated steel crowns

Luting of orthodontic bands

Advantages

- Sizeable amount available per capsule – also suitable for large restorations
- Excellent wetting properties
- Stable
- Low film thickness
- High level of translucency for aesthetic results
- Simple removal of excess material
- Continuous release of fluoride
- No known postoperative sensitivities

Presentation

REF 1242	Application capsules 50 pcs.
REF 1086	Set powder / liquid (35 g / 15 ml)
REF 1090	Set mini powder / liquid (15 g / 7 ml)

Ceramic Bond



Coupling agent for porcelain (incl. zirconia) and composite



Indications

One-component silanisation agent for durable adhesive bonding of porcelain, also zirconia, to composites as well as for the pre-treatment of glass fibre reinforced composite posts

Advantages

- Silanates the surfaces of full ceramic restorations and creates ideal conditions for a durable bond between ceramic, as well as zirconia and composite

Also for zirconia



Presentation

REF 1106	Bottle 5 ml
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Fit Test® C & B



Addition-curing silicone material for checking of prosthetic reconstructions

auto mix

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

Presentation

REF 2095	QuickMix syringe 5 ml, mixing tips type 9
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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 plastic bases

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

Locator® is not a registered trademark of VOCO GmbH.

Advantages

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

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

Presentation

REF 1625	Set QuickMix syringe 7.5 g, Quick Up LC syringe 2 g, bottle 4 ml adhesive, 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

Cimara®



Material for ceramic repair with light-curing composite



Indications

Direct repair of ceramic restorations

ACID-FREE INTRAORAL
CERAMIC REPAIR

Advantages

- 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

Application



Presentation

REF 1196	Set 8 × 0.3 ml coupling silane, 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	4 × 0.3 ml coupling silane, accessories
REF 1198	Bottle 4 ml adhesive
REF 1575	Opaquer LC syringe 1.2 g, application cannulae type 45

Cimara® Zircon



Zirconia repair material with light-curing composite



Indications

For repairing defects on porcelain-faced, fixed, full ceramic restorations and zirconia-frames with composite

Advantages

- High shear bond strength
- Highly aesthetic
- Inexpensive, direct repair in the patient's mouth
- Without acid use
- With light-curing, nano-hybrid composite GrandioSO for outstanding results

Application



Presentation

REF 1421	Set primer bottle 5 ml, adhesive bottle 4 ml, GrandioSO Caps 8 × 0.25 g (A1, 2 × A2, 2 × A3, A3.5, B2, GA3.25), accessories
REF 1422	Bottle 5 ml primer

Structur 3



Self-curing composite material for the fabrication of provisional crowns and bridges

SC
self-curing

auto mix

no
polishing

semi-perma-
nent

Long-term
temporaries

8
shades

Indications

Fabrication of temporary crowns, bridges, inlays, onlays, partial crowns, veneers and temporary posts

Fabrication of long-term temporaries

Lining of pre-fabricated temporary crowns made from composite materials, polycarbonate or metal

Advantages

- **Processing**
 - quick, simple and reliable thanks to the 1:1 cartridge system
 - short setting time
 - elastic phase allows simple removal from the prepared tooth
 - gloss without polishing – only requires removal of the inhibition layer
- **Aesthetics**
 - natural gloss and fluorescence
 - available in eight shades
- **Durability**
 - high compressive strength
 - excellent fracture resistance

GLOSS WITHOUT POLISHING!

Clinical Case



Initial situation

Prepared cores

Finished temporary bridge

Appealing result

Source: Dr. Walter Denner, Fulda / Germany

Presentation							
REF 2500		Set + dispenser cartridge 50 ml A2, mixing tips type 6					
REF 2501		Set + dispenser cartridge 50 ml A3, mixing tips type 6					
Shade	Cartridge 50 ml, mixing tips type 6	Cartridge 5 x 50 ml, mixing tips type 6	QuickMix syringe 5 ml, mixing tips type 10	Shade	Cartridge 50 ml, mixing tips type 6	Cartridge 5 x 50 ml, mixing tips type 6	QuickMix syringe 5 ml, mixing tips type 10
A1	REF 2503	–	REF 2515	B1	REF 2507	–	REF 2518
A2	REF 2504	REF 2512	REF 2516	B3	REF 2508	–	–
A3	REF 2505	REF 2513	REF 2517	C2	REF 2509	–	–
A3.5	REF 2506	–	–	BL	REF 2510	–	–

Ufi Gel® hard C



Hard direct denture relining

Ufi Gel® hard



Handmix version of Ufi Gel® hard C

SC
self-curing

auto mix

Indications

- Hard permanent relining
- Direct and indirect relining
- Total or partial relining
- Ambulant relining
- Lengthening of denture rims
- Repair and enlargement of dentures
- Correction of new dentures

SC
self-curing

Advantages

- Complete, hard relining, in just one chairside session
- Methylmethacrylate-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



Presentation

- | | |
|----------|---|
| REF 2215 | Set cartridge 80 g, adhesive bottle 10 ml, mixing tips type 8 |
| REF 2218 | Set + dispenser cartridge 80 g, adhesive bottle 10 ml, mixing tips type 8 |
| REF 2216 | Cartridge 80 g, mixing tips type 8 |
| REF 2217 | Bottle 10 ml adhesive |

Presentation

- | | |
|----------|---|
| REF 2210 | Set powder 60 g, liquid bottle 40 ml, conditioner bottle 20 ml, accessories |
| REF 2211 | Powder 60 g |
| REF 2212 | Bottle 40 ml liquid |
| REF 2213 | Bottle 20 ml conditioner |

Ufi Gel® SC



Soft remaining, cold-curing relining material on silicone base in cartridges



Indications

- Permanent soft relining material for full and partial dentures
- Treatment of pressure spots
- Improvement of fit and hold
- Cushioning of sharp alveolar processes
- Relining in implantology
- Re-adaptation of dentures

Clinical Case



SEATING OF THE PROSTHESIS AND MOVEMENTS OF THE MANDIBLE



Ufi Gel® P



Soft remaining, cold-curing relining material on silicone base in tubes



Advantages

- Top quality relining silicone
- Complete relining in one single session (chairside)
- 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
- Laboratory use: 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

Presentation

REF 2041	Set cartridge 50 ml, adhesive bottle 10 ml, glazing base 10 ml, glazing catalyst 10 ml, mixing tips type 8
REF 2040	Cartridge 50 ml, mixing tips type 8
REF 2029	Bottle 10 ml adhesive
REF 2047	Bottle 20 ml glazing
REF 2049	Polishing discs, 10 pcs.

Presentation

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 x 50 ml (base / catalyst)
REF 2076	Bottle 10 ml adhesive
REF 2077	Bottle 20 ml glazing

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%)
- Simple working process, no risk of fracture
- Neutral in taste and odour
- Direct visual control of the intended occlusion
- Light-curing can be carried out perfectly through a layer of Registrado Clear
- Not radiopaque

Presentation

REF 2037 Cartridge 50 ml, mixing tips type 16, intraoral tips type 2

Registrado® X-tra



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



Indications

- Occlusal bite registration
- Fixing facebow registrations
- Retaining gothic arch registrations
- Model fabrication for indirect composite restorations

Advantages

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



Presentation

REF 2035 Cartridge 2 x 50 ml, mixing tips type 16, intraoral tips type 2
REF 2036 Cartridge 8 x 50 ml, mixing tips type 16, intraoral tips type 2

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

Presentation

REF 1661 Syringe 4 x 1.2 ml, application cannulae type 44

Individo® Lux



Preformed individual impression trays, light-curing



Indications

For the fabrication of individual trays from contoured plates for maxillae and mandibles

Advantages

- In transparent-blue 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

Profibase



Preformed pink-impression trays / basis plates, light-curing



Indications

Fabrication of gingiva-shaded bases for wax models of complete and partial dentures

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

Presentation

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

Presentation

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

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

Simple to use!



Presentation

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

Presentation

REF 2289 Bottle 1 l
REF 2290 Canister 5 l
REF 2304 Dispenser pump – canister 5 l

Solvitan



Cleaning solution with citrus aroma

Indications

Cleaning solution for general application in dental clinics, laboratories and households

Advantages

- Removes pastes, silicone- or polyether-based impression materials and zinc oxide from hands and instruments
- Skin-friendly with lanolin
- Easily removed with water
- Pleasant citrus fruit aroma

Presentation

REF 2312 Bottle 250 ml
REF 2313 Box bottle 4 x 250 ml
REF 2320 Bottle 500 ml

Dispenser type 2



Dispenser to extrude dental materials from cartridges

For 1:1 or 1:2 cartridges (50 ml), i.e. for Registrado Clear, Registrado X-tra, Ufi Gel SC, Ufi Gel hard C, Structur 3, etc.

Presentation

REF 2158 Dispenser – type 2

Intraoral tips



REF 2139
Intraoral tips type 1 for mixing tips type 11, 50 pieces



REF 2140
Intraoral tips type 2 for mixing tips type 16, 50 pieces



REF 2142
Intraoral tips type 4 for mixing tips type 11, 50 pieces

Application cannulae



REF 2144
Application cannulae type 44 for Block Out Gel LC, Quick Up LC, 100 pieces



REF 2146
Application cannulae type 41 for Bifix QM Try-In, 100 pieces



REF 2147
Application cannulae type 45 for Cimara Opaquer LC, 100 pieces

Mixing tips



REF 2185
Mixing tips type 6 for Structur 3, 50 pieces



REF 2187
Mixing tips type 8 for Ufi Gel SC, Ufi Gel hard C, 50 pieces



REF 2188
Mixing tips type 9 for Fit Test C & B, 50 pieces



REF 2191
Mixing tips type 11 for Bifix QM, Fit Test C & B only with REF 2139, 50 pieces



REF 2194
Mixing tips type 14 for Bifix SE, 50 pieces



REF 2195
Mixing tips type 15 (with intraoral tips type 1), for Bifix SE, 50 pieces



REF 2196
Mixing tips type 16 (for intraoral tips type 2) for Registrado Clear, Registrado X-tra, 50 pieces

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