The duplicate model is an important step in achieving an accurate fit. Here BEGO offers an optimised and practical system: gels and silicones with high impression-taking accuracy, tried and tested duplicating flasks and perfect equipment for their handling.
Gelovit 200
Robust duplicating unit – reliable, consistent results

- The programmable brushless motor offers greater reliability than conventional motors for unrivalled durability
- Intelligent programming emphasises the unit’s reliability and long service life
- Innovative preparation concept with intelligent temperature control effectively prevents lumps forming in the hydrocolloid and guarantees the fastest possible preparation without scorching
- The special heating strategy prevents residue deposits and nozzle blockages whilst maintaining homogeneity
- A third temperature level minimises the heat shrinkage of the hydrocolloid and ensures an optimal fit
- The time at which the hydrocolloid is required to be ready can be easily pre-programmed for optimum processing.
- The number of required melting cycles can be entered individually. This ensures consistent quality of the duplicate models.
- The clearly laid out display provides information on all parameters and gives quick and easy access to all important functions

Product details

<table>
<thead>
<tr>
<th>Technical data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>565 mm</td>
</tr>
<tr>
<td>Width</td>
<td>310 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>355 mm</td>
</tr>
<tr>
<td>Rated voltage</td>
<td>230 VAC, 50/60 Hz</td>
</tr>
<tr>
<td>Special voltage</td>
<td>100–240 VAC, 50/60 Hz</td>
</tr>
<tr>
<td>Power at rated voltage</td>
<td>900 VA</td>
</tr>
<tr>
<td>Capacity</td>
<td>3–6 kg</td>
</tr>
<tr>
<td>Weight</td>
<td>21 kg</td>
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<table>
<thead>
<tr>
<th>Availability</th>
<th>Presentation Qty REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gelovit 200, 230 VAC, 50/60 Hz</td>
<td>piece 1 26330</td>
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<table>
<thead>
<tr>
<th>Accessories</th>
<th>Presentation Qty REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>WiroGel® M duplicating gel for plaster, investment material and acrylic casting technique</td>
<td>6 kg tub 1 54351</td>
</tr>
<tr>
<td>Castogel® duplicating gel for investment material and acrylic casting technique</td>
<td>6 kg tub 1 52052</td>
</tr>
<tr>
<td>Wirodouble® duplicating gel for investment material</td>
<td>6 kg tub 1 52050</td>
</tr>
<tr>
<td>Combi duplicating flask, acrylic</td>
<td>piece 1 52090</td>
</tr>
</tbody>
</table>

A detailed brochure can be found at www.bego.com/download-center.
## WiroGel® M

**Environmentally friendly duplicating gel based on agar-agar hydrocolloid for producing models using investment material, plaster and the acrylic casting technique**

- For universal use: For all phosphate-bonded investment materials and type 4 plasters as well as the acrylic casting technique
- Highly accurate impression-taking; smooth model surfaces guarantee reliability in use and enable work results which meet the highest demands in terms of precision
- 15 melting cycles mean a very good cost-benefit ratio – suitable for melting in a microwave without compromising quality or precision
- Duplicating with WiroGel® M is more than five times less expensive than with silicone, taking into account the costs for the duplicating unit
- Colour geared to contrast optimisation, thus ensuring optimal process reliability

### Product details

<table>
<thead>
<tr>
<th>Availability</th>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>WiroGel® M</td>
<td>6 kg</td>
<td>tub</td>
<td>1</td>
<td>54351</td>
</tr>
<tr>
<td>WiroGel® M</td>
<td>10 kg</td>
<td>tub</td>
<td>1</td>
<td>54354</td>
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<tr>
<td>Accessories</td>
<td></td>
<td>Presentation</td>
<td>Qty</td>
<td>REF</td>
</tr>
<tr>
<td>Combi duplicating flask</td>
<td>piece</td>
<td>1</td>
<td>52090</td>
<td></td>
</tr>
</tbody>
</table>

A detailed brochure can be found at www.bego.com/download-center.

## WiroGel® C

**Reversible natural duplicating gel based on agar-agar hydrocolloid for producing models using investment material, plaster and the acrylic casting technique**

- For universal use: For all phosphate-bonded investment materials and type 4 plasters, as well as a wide range of applications in the acrylic casting technique
- Shortened solidification times thanks to cooling in the fridge or cold water bath
- Highly accurate impression-taking and smooth model surfaces guarantee reliability in use and enable work results which meet the highest demands in terms of precision
- Natural hydrocolloid for excellent process reliability, particularly with white and light plasters
- Up to 12 melting cycles ensure very good value for money without compromising quality and precision
- WiroGel® C is suitable for melting in the microwave
- Naturally biodegradable

### Product details

<table>
<thead>
<tr>
<th>Availability</th>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>WiroGel® C</td>
<td>6 kg</td>
<td>tub</td>
<td>1</td>
<td>54870</td>
</tr>
<tr>
<td>WiroGel® C</td>
<td>10 kg</td>
<td>tub</td>
<td>1</td>
<td>54871</td>
</tr>
<tr>
<td>Accessories</td>
<td></td>
<td>Presentation</td>
<td>Qty</td>
<td>REF</td>
</tr>
<tr>
<td>Combination duplicating flask</td>
<td>set</td>
<td>1</td>
<td>52090</td>
<td></td>
</tr>
</tbody>
</table>

Wirovest® or WiroFast

Optimally coordinated system components make for simple handling and maximum user safety (partial denture investment materials on pages 40 and 42).
Castogel® and Castogel® mint
Reversible special duplicating hydrocolloid
- Special duplicating hydrocolloid for sophisticated partial dentures, combination work and the acrylic casting technique
- User-friendly thanks to its high level of impression-taking accuracy, even with the finest of details, and tear-resistant due to its outstanding elasticity.
  - This offers you the necessary reliability and precision in use
- Castogel® mint with additional fresh mint fragrance
- Economical - can be reused many times
- Ecological - completely biodegradable

### Product details

<table>
<thead>
<tr>
<th>Availability</th>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Castogel®</td>
<td>6 kg</td>
<td>tub</td>
<td>1</td>
<td>52052</td>
</tr>
<tr>
<td>Castogel® mint</td>
<td>10 kg</td>
<td>tub</td>
<td>1</td>
<td>52049</td>
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</tbody>
</table>

Wirodouble®
Reversible duplicating hydrocolloid
- Proven duplicating hydrocolloid for phosphate- or silicate-bonded investment models
- Frequent reusability is guaranteed by a high quality standard and makes for a user-friendly and economical product

### Product details

<table>
<thead>
<tr>
<th>Availability</th>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
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</thead>
<tbody>
<tr>
<td>Wirodouble®</td>
<td>6 kg</td>
<td>tub</td>
<td>1</td>
<td>52050</td>
</tr>
</tbody>
</table>

Combi duplicating flask for partial denture technique

**Combi duplicating flask**
- The low thermal conductivity of the plastic guarantees stress-free cooling of the duplicating material
- Two wedges integrated in the flask cover prevent rotation and ensure proper placement of the form back in the flask
- The Combi duplicating flasks are designed for use with our mould rings

### Product details

<table>
<thead>
<tr>
<th>Availability</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Combi duplicating flask with wedge top, base and 2 base formers (2 sizes)</td>
<td>piece</td>
<td>1</td>
<td>52090</td>
</tr>
</tbody>
</table>
Wirosil® Duplicating silicone

- Wirosil® is an addition-cured two-component silicone that reproduces master models extremely accurately due to its excellent dimensional stability
- With economy flask and stabilisation insert it enables work to be carried out easily and reliably without wasting material
- Ideal for duplicating milled areas in combination work. Mixing ratio: 1:1

### Product details

<table>
<thead>
<tr>
<th>Physical data</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Processing time</td>
<td>approx. 5 minutes</td>
</tr>
<tr>
<td>Setting time (22 °C)</td>
<td>30–40 minutes</td>
</tr>
<tr>
<td>Mixing time</td>
<td>30 s</td>
</tr>
<tr>
<td>Shore A hardness (1 hr.)</td>
<td>17</td>
</tr>
<tr>
<td>Recovery following deformation</td>
<td>99.7 %</td>
</tr>
<tr>
<td>Contraction (DIN 14356)</td>
<td>0.03 %</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Availability</th>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Wirosil® set: 1 bottle each = 1 kg Wirosil® 1+2, 1 measuring and mixing cup, 1 spatula, 1 duplicating flask, small, 1 duplicating flask, large, 1 spray bottle Aurofilm wetting agent, 1 spray bottle Durofluid model spray, 1 instruction for use</td>
<td>piece</td>
<td>1</td>
<td>52000</td>
<td></td>
</tr>
<tr>
<td>Single pack Wirosil® 1 + 2</td>
<td>2 x 1 kg</td>
<td>bottle</td>
<td>1 each</td>
<td>52001</td>
</tr>
<tr>
<td>Large pack Wirosil® 1 + 2</td>
<td>2 x 10 kg</td>
<td>canister</td>
<td>1 each</td>
<td>51995</td>
</tr>
</tbody>
</table>

Wirosil®plus Duplicating silicone

- Outstanding dimensional stability for extremely precise duplicate models
- 1:1 silicone for manual processing and use in the metering device
- Wirosil®plus has a setting time of just 10 minutes making it ideal for all dental technology work which demands speed as well as uncompromising precision
- Free-flowing consistency and optimal elastic recovery ensure perfect reproduction of combination work with milled surfaces

### Product details

<table>
<thead>
<tr>
<th>Physical data</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Processing time</td>
<td>3 min 30 s</td>
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<tr>
<td>Setting time (22 °C)</td>
<td>10–12 minutes</td>
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<tr>
<td>Mixing time</td>
<td>30 s</td>
</tr>
<tr>
<td>Shore A hardness (1 hr.)</td>
<td>20</td>
</tr>
<tr>
<td>Recovery following deformation</td>
<td>99.8 %</td>
</tr>
<tr>
<td>Contraction (DIN 14356)</td>
<td>0.01 %</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Availability</th>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wirosil®plus</td>
<td>2 x 1 kg</td>
<td>bottle</td>
<td>1</td>
<td>54854</td>
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</table>

### Accessories

<table>
<thead>
<tr>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wirosil® mixing set</td>
<td>set</td>
<td>1</td>
<td>52004</td>
</tr>
<tr>
<td>Aurofilm wetting agent (spray bottle)</td>
<td>100 ml</td>
<td>piece</td>
<td>1</td>
</tr>
<tr>
<td>Wirosil® duplicating flask system</td>
<td>set</td>
<td>1</td>
<td>52083</td>
</tr>
</tbody>
</table>

### Complementary product

Wiroplus® S or Wirofine
Optimally matched system components mean clear handling, processing reliability with high-quality expert results (page 43 and 39)
**Wirosil® duplicating flask system**

- Precise reproduction, saving of material, dimensional stability and easy handling characterise the Wirosil® duplicating flask system.
- It consists of:
  - the base that holds the model
  - the sleeve with the optimal shape for upper and lower jaw models
  - the stabilisation insert of crucial importance for precision after removal of the master model and
  - three replaceable palate formers that essentially support reproduction accuracy and enable extremely economical silicone consumption through flexible positioning.

<table>
<thead>
<tr>
<th>Availability</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wirosil® duplicating flask system incl. stabilisation ring with 3 palate formers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>small</td>
<td>set</td>
<td>1</td>
<td>52072</td>
</tr>
<tr>
<td>large</td>
<td>set</td>
<td>1</td>
<td>52083</td>
</tr>
<tr>
<td>Accessories</td>
<td>Presentation</td>
<td>Qty</td>
<td>REF</td>
</tr>
<tr>
<td>Stabilisation ring with 3 palate formers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for small duplicating flask</td>
<td>piece</td>
<td>1</td>
<td>52079</td>
</tr>
<tr>
<td>for large duplicating flask</td>
<td>piece</td>
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<td>52084</td>
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**Durol E Eco hardening liquid**

- The ecological dipping hardener Durol E is solvent-free and therefore completely biologically safe. During drying, hardly any odour develops since there are no solvents present.
- Contamination can be easily removed with water.
- 25 % saving in time and energy, because a drying temperature of 150 °C is sufficient.

<table>
<thead>
<tr>
<th>Availability</th>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durol E Eco hardening liquid</td>
<td>1 litre</td>
<td>bottle</td>
<td>1</td>
<td>52148</td>
</tr>
</tbody>
</table>

**Durol / Durofluid Hardening liquid**

- Cold hardener for investment models.
- Durol and Durofluid are used cold and penetrate extremely well into the surface of duplicate models during hardening; the models become hard and smooth.
- Durol: the recommended drying temperature for the duplicate model is 250 °C.
- Durofluid: to promote the adhesion of wax moulded parts, investment material models duplicated in silicone can be dried at approx. 70 °C–100 °C for approx. 10 minutes. The investment material models are then sprayed with a thin and even layer of Durofluid modelling spray.

<table>
<thead>
<tr>
<th>Availability</th>
<th>Contents</th>
<th>Presentation</th>
<th>Qty</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durol dipping hardener</td>
<td>1 litre</td>
<td>bottle</td>
<td>1</td>
<td>52111</td>
</tr>
<tr>
<td>Durofluid modelling spray (1 spray bottle)</td>
<td>100 ml</td>
<td>piece</td>
<td>1</td>
<td>52008</td>
</tr>
</tbody>
</table>
Dear interested parties,

The dental world is continually in flux. New materials, procedures and devices present dental technicians, dentists and implantologists with the challenge of staying abreast of contemporary developments in order to provide the best technical and highest-quality solutions. Yet, at the same time, they also have to guarantee that these solutions are economically viable. It is the good right of patients to expect nothing less.

In this situation it is good to have a fixed anchor point. A partner with comprehensive know-how, which has been gained in the course of many decades of experience, and a partner that, time and again, has set milestones as a pioneer of innovative ideas. Briefly stated: A partner like BEGO, which has already been demonstrating exactly these traits, every day, for nearly 125 years.

Be it because of our comprehensive competence in materials and alloys, our mastery of digital processes and production methods, the successful implementation of bionic insights gained in the field of implantology, the cooperation with the scientific world, or application-specific consultation offered at master-expert level: Operators worldwide rely on this specific BEGO competence, which has seen us become one of the internationally leading dental companies – with the unique portfolio of products and services “Made in Germany”.

In everything we do, we are always guided by the principles of trustworthiness and reliability. These principles constitute the foundation for the cooperation with our customers, partners and employees. Our mutual objective: Peak performance in customer service and product quality.

Completely in tune with current developments, yet also keeping the future firmly in sight. This is what BEGO stands for. To ensure that you are always on the safe side – and always in the vanguard.

Bremen, in the spring of 2015

Christoph Weiss
Managing Partner of BEGO

Trustworthiness and reliability for today and the future

Guarantee

Whether given verbally, in writing or through practical instructions, our process-related data and recommendations are based upon our own experience and trials and can only be considered as standard values.

Our products are constantly subject to further development. We therefore reserve the right to modify the design and composition at any time.

Status as of: March 1, 2015

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