

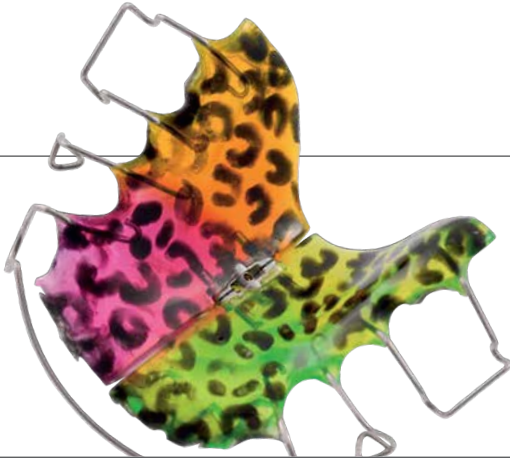
# Orthodontic acrylics.

Vibrant colors – fascinating varieties.



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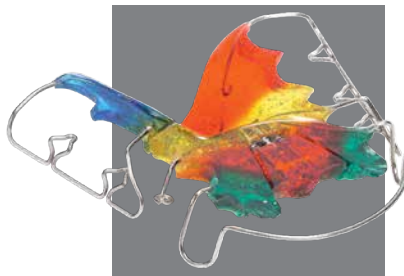




## The versatile acrylic system.

Orthocryl® has been a fixture in orthodontic laboratories for 60 years. For generations, it has combined excellent product characteristics and easy handling.

There are no limits to your creativity, regardless of whether you choose black, white or multi-color – Orthocryl® offers maximum freedom in design with its variety of lively colors, glitter and decals. Apart from the conventional cold-curing acrylic, Orthocryl® is also available as light-curing material. Orthocryl® LC is especially designed to meet the requirements for fabricating orthodontic appliances. It is light-curing, time-saving and easy to use.



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## Orthocryl® LC

The light-curing acrylic.

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## Orthocryl®

Suited for the salt-and-pepper technique.

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## Orthocryl® Neon

Vivid colors.

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## Orthocryl® EQ

Suited for the doughing technique.

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## Orthocryl® black & white

High-contrast, versatile.

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## A wide range of field-proven accessories

All from one source.

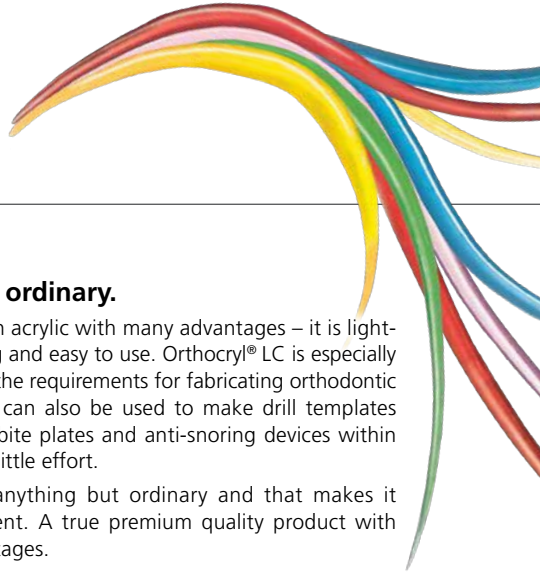
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# Orthocryl® LC



The light-curing acrylic for orthodontists.



## Anything but ordinary.

Orthocryl® LC is an acrylic with many advantages – it is light-curing, time-saving and easy to use. Orthocryl® LC is especially designed to meet the requirements for fabricating orthodontic appliances. But it can also be used to make drill templates for implantology, bite plates and anti-snoring devices within seconds and with little effort.

Orthocryl® LC is anything but ordinary and that makes it delightfully different. A true premium quality product with undeniable advantages.

## Advantages:

- Extremely easy to use.
- Saves time and material.
- Optimal flowability.
- Wide range of applications.
- Completely odorless.
- Biocompatible.

## Easy to use and flexible.

Orthocryl® LC is extremely easy to use. The product is delivered ready to use in black, opaque cartridges. Time-consuming preparation steps have become superfluous: the acrylic does not have to be doughed or salt-and-peppered anymore.

The material can be directly applied from the cartridge to the prepared model. The application injector helps to apply the right dosage in the right spot. The easy handling saves both a great amount of time when processing and finishing the appliance and a lot of material.

Due to its optimal flowability, Orthocryl® LC can be easily adapted to the prepared model.

Orthocryl® LC is available in three colors. Adding Disco glitter or decals from the extensive Orthocryl® program makes each appliance unique.



## Orthocryl® LC



### Orthocryl® LC starter set

Light-curing acrylic.

<b>REF 160-400-00</b>	<b>1 set</b>
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CE 0483

**Contents:**

2 x Orthocryl® LC, clear	REF 160-401-00
2 x Orthocryl® LC, transparent pink	REF 160-402-00
2 x Orthocryl® LC, blue	REF 160-404-00
1 x injector for Orthocryl® LC	REF 160-420-00
50 x cartridge tip for Orthocryl® LC	REF 160-421-00



### Orthocryl® LC starter set, clear

Light-curing acrylic.

<b>REF 160-400-20</b>	<b>1 set</b>
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CE 0483

**Contents:**

6 x Orthocryl® LC, clear	REF 160-401-00
1 x injector for Orthocryl® LC	REF 160-420-00
50 x cartridge tip for Orthocryl® LC	REF 160-421-00

**Orthocryl® LC**

Light-curing acrylic in opaque cartridge.

Color	REF	Quantity
clear	160-401-00	30 g
transparent pink	160-402-00	30 g
blue	160-404-00	30 g



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**Bite paste**For Orthocryl® LC.  
Color: transparent

REF 160-410-00

50 g

CE 0483

**Injector**

For Orthocryl® LC.

REF 160-420-00

1 piece

**Cartridge tip**

For Orthocryl® LC.

REF 160-421-00

50 pieces

**Cleaning liquid**

For Orthocryl® LC.

REF 160-430-00

100 ml

**Stand for cartridges**

For Orthocryl® LC. Fits 6 cartridges.

Material: Plastic

Do not use disinfectants containing ethanol,  
phenol or alcohol.Dimensions: approx. 170 mm x 110 mm x 110 mm  
(W x H x D)

Color: transparent, clear

REF 160-422-00

1 piece



# Orthodentic acrylics

## Orthocryl® / Assortments



**Orthocryl® starter set, clear**

REF 161-912-00	1 set
<b>CE 0483</b>	
<b>Contents:</b>	
1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), clear	REF 161-100-00
1 x separating medium	REF 162-800-00
2 x spray bottle	REF 162-100-00
1 x measuring beaker	REF 162-200-00
1 x funnel	REF 162-600-00
1 x spray nozzle for powder (polymer)	REF 162-751-00
1 x spray nozzle for liquid (monomer)	REF 162-752-00



**Orthocryl® set, small**  
Small set 200 g powder (polymer) and 100 ml liquid (monomer)

Color	REF	Quantity
transparent pink	<b>160-501-00</b>	1 set
clear	<b>160-502-00</b>	1 set

**CE 0483**



**Orthocryl® multi-colored palette, assortment**

REF 160-600-00	1 assortment
<b>CE 0483</b>	
<b>Contents:</b>	
1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), red	REF 161-127-00
1 x Orthocryl® liquid (monomer), green	REF 161-128-00
1 x Orthocryl® liquid (monomer), blue	REF 161-129-00
1 x Orthocryl® liquid (monomer), yellow	REF 161-130-00
1 x funnel	REF 162-600-00



**Orthocryl® Neon assortment**  
**Brightly colored acrylic**  
**Liquid (monomer)**

Brightly colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00 / 160-212-00). Disco glitter can also be used to enhance the effect of the colors.

REF 160-700-00	1 assortment
<b>CE 0483</b>	
<b>Contents:</b>	
1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), neon yellow	REF 161-135-00
1 x Orthocryl® liquid (monomer), neon orange	REF 161-136-00
1 x Orthocryl® liquid (monomer), neon pink	REF 161-137-00
1 x Orthocryl® liquid (monomer), neon green	REF 161-138-00
1 x Orthocryl® liquid (monomer), neon blue	REF 161-139-00
1 x funnel	REF 162-600-00



### Orthocryl®

#### Powder (polymer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal stability using the salt-and-pepper technique.**

Also very suitable for the doughing technique.



Color	REF	Quantity	REF	Quantity
clear	<b>160-112-00</b>	1 kg	<b>160-212-00</b>	10 kg

CE 0483

### Orthocryl® EQ

#### Powder (polymer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal flowability using the doughing technique.**

Also very suitable for the salt-and-pepper technique.



Color	REF	Quantity	REF	Quantity
clear	<b>160-300-00</b>	1 kg	<b>160-301-00</b>	10 kg

CE 0483

### Orthocryl® black & white

#### Powder (polymer), opaque

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal stability using the salt-and-pepper technique.**

Also very suitable for the doughing technique.



Color	REF	Quantity	REF	Quantity
black	<b>160-011-00</b>	200 g	<b>160-013-00</b>	1 kg
white	<b>160-012-00</b>	200 g	<b>160-014-00</b>	1 kg

CE 0483

### Orthocryl® Neon

#### Brightly colored acrylic

#### Liquid (monomer)

Brightly colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00 / 160-212-00). Disco glitter can also be used to enhance the effect of the colors.



Color	REF	Quantity
neon yellow	<b>161-135-00</b>	250 ml
neon orange	<b>161-136-00</b>	250 ml
neon pink	<b>161-137-00</b>	250 ml
neon green	<b>161-138-00</b>	250 ml
neon blue	<b>161-139-00</b>	250 ml

CE 0483

# Orthodocryl acrylics

## Orthocryl® / Single packs



### Orthocryl®

#### Liquid (monomer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances.

Color	REF	Quantity	REF	Quantity	REF	Quantity
red	<b>161-127-00</b>	250 ml				
green	<b>161-128-00</b>	250 ml				
blue	<b>161-129-00</b>	250 ml				
yellow	<b>161-130-00</b>	250 ml				
turquoise	<b>161-131-00</b>	250 ml				
pink	<b>161-132-00</b>	250 ml				
emerald green	<b>161-133-00</b>	250 ml				
violet	<b>161-134-00</b>	250 ml				
clear			<b>161-100-00</b>	500 ml	<b>161-150-00</b>	1000 ml
transparent pink			<b>161-300-00</b>	500 ml	<b>161-350-00</b>	1000 ml

CE<sup>0483</sup>



### Orthocryl®

#### Color concentrate

For tinting clear Orthocryl® liquid (monomer, REF 161-100-00 / 161-150-00). With one dispensing pipette.

Color	Mixing ratio	REF	Quantity
red	1 : 10	<b>161-620-00</b>	100 ml
blue	1 : 50	<b>161-622-00</b>	100 ml

CE<sup>0483</sup>

#### Mixing ratio:

	Liquid, clear	Color concentrate	Liquid, clear	Color concentrate
<b>1 : 10 (red)</b>	100 ml	10 ml	50 ml	5 ml
<b>1 : 50 (blue)</b>	100 ml	2 ml	50 ml	1 ml

**Orthocryl® Disco glitter**

For coloring the removable appliances. The glitter is simply added as desired to the Orthocryl® powder (polymer) to give the appliance an attractive luster. No change in the processing of Orthocryl® is necessary. The appliances can be finished and polished without difficulty.

**Mixing ratio:**

0.5 : 100 (by volume glitter : powder)

Color	REF	Quantity
iris	<b>161-605-00</b>	50 g
red	<b>161-606-00</b>	50 g
blue	<b>161-607-00</b>	50 g
silver	<b>161-608-00</b>	50 g
gold	<b>161-609-00</b>	50 g
mother-of-pearl	<b>161-611-00</b>	50 g



# Orthodontic acrylics

## Decals



### Decals, assortment

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

#### Contents:

Assortment consists of 20 individual designs  
20 pieces each = 400 pieces, plus tweezers.

REF 160-100-00	1 assortment
<b>CE</b>	
<b>Contents:</b>	
20 x Crocodile	REF 160-100-01
20 x Frog	REF 160-100-02
20 x Parrot	REF 160-100-04
20 x Ladybug	REF 160-100-05
20 x Dragon	REF 160-100-06
20 x Fish	REF 160-100-07
20 x Formula 1 (Indy racecar)	REF 160-100-09
20 x Elephant	REF 160-100-10
20 x Heart	REF 160-100-11
20 x Duck	REF 160-100-12
20 x Dinosaur	REF 160-100-13
20 x Motorcycle	REF 160-100-14
20 x Snail	REF 160-100-15
20 x Teddy bear	REF 160-100-16
20 x Mushrooms	REF 160-100-18
20 x Car	REF 160-100-19
20 x Raven	REF 160-100-27
20 x Devil	REF 160-100-29
20 x Soccer player	REF 160-100-31
20 x Mouse	REF 160-100-45



### Decal Football

#### Sheet with two different sizes of design

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Football	<b>160-100-39</b>	1 sheet = 20 pieces

CE



### Decal Beaver

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Beaver	<b>160-100-40</b>	1 sheet = 20 pieces

CE



### Decals Black Edition

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Black Edition	<b>160-100-41</b>	1 sheet = 12 motifs

CE

**Decal**

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Hello Beaver	<b>160-100-42</b>	2 sheets = 20 pieces
Horse	<b>160-100-43</b>	2 sheets = 20 pieces
Pink Pony	<b>160-100-44</b>	2 sheets = 20 pieces
Unicorn	<b>160-100-46</b>	2 sheets = 20 pieces

**Decal**

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Crocodile	<b>160-100-01</b>	20 pieces
Frog	<b>160-100-02</b>	20 pieces
Parrot	<b>160-100-04</b>	20 pieces



## Decals

### Decal

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.



Motif	REF	Quantity
Ladybug	<b>160-100-05</b>	20 pieces
Dragon	<b>160-100-06</b>	20 pieces
Fish	<b>160-100-07</b>	20 pieces
Formula 1 (Indy Racecar)	<b>160-100-09</b>	20 pieces
Elephant	<b>160-100-10</b>	20 pieces
Heart	<b>160-100-11</b>	20 pieces
Duck	<b>160-100-12</b>	20 pieces
Dinosaur	<b>160-100-13</b>	20 pieces
Motorcycle	<b>160-100-14</b>	20 pieces
Snail	<b>160-100-15</b>	20 pieces

CE

**Decal**

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Teddybear	<b>160-100-16</b>	20 pieces
Mushrooms	<b>160-100-18</b>	20 pieces
Car	<b>160-100-19</b>	20 pieces
Raven	<b>160-100-27</b>	20 pieces
Spider	<b>160-100-28</b>	20 pieces
Devil	<b>160-100-29</b>	20 pieces
Graffiti	<b>160-100-30</b>	20 pieces
Soccer Player	<b>160-100-31</b>	20 pieces
Mouse	<b>160-100-45</b>	20 pieces
Dolphin	<b>160-100-34</b>	20 pieces



## Accessories



### Spray bottle

For powder (polymer) and liquid (monomer).

Capacity	REF	Quantity
100 ml	162-100-00	1 piece



### Spray nozzle for Orthocryl® liquid (monomer)

Inner ø	Length	REF	Quantity
0.40 mm	10 mm	162-752-00	12 pieces



### Spray nozzle for Orthocryl® powder (polymer)

REF 162-751-00	1 piece
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### Mixing bowl

Flexible, with suction base. For all mixing jobs in the practice and laboratory.

**Do not use with silicone materials!**

Material: silicone

Capacity	REF	Quantity
5 ml	162-501-00	3 pieces
25 ml	162-502-00	1 piece
75 ml	162-503-00	1 piece



### Funnel

REF 162-600-00	1 piece
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### Measuring beaker

REF 162-200-00	1 piece
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### Dispensing pipette

For Orthocryl® color concentrates.

REF 162-101-00	10 pieces
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### Separating medium

REF 162-800-00	1000 ml
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Special alginate-based separating medium that forms a thin, abrasive-resistant separating film.

#### Separates:

- plaster from acrylic
- plaster from plaster

Color: pink



### 3D separating medium

REF 162-801-00	100 ml
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Forms a separating layer between the acrylic models and Orthocryl® / Orthocryl® LC.

Color: green



### Modeling wax, pink

For acrylic work, construction bites etc.

- pliable
- very easy to model
- firm up to approx. 37 °C / 98.6 °F
- easy fixation of teeth

Melting point	Dimensions (L x W)	Thickness	REF	Quantity
60 °C / 140 °F	175 mm x 80 mm	1.50 mm	119-150-00	500 g



CE

### Thermo wax

- heat-resistant wax for blocking-out
- for covering springs used in the Orthocryl® technique
- prevents acrylic from becoming milky in appearance

Melting point	Color	REF	Quantity
87 °C / 188.6 °F	pink	120-170-00	50 g



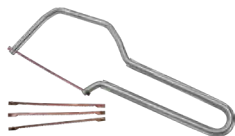
### Sticky wax

- good adhesive effect on all materials
- ideal for the fixation of retentive or support elements, repair and soldering work

Melting point	Color	REF	Quantity
71 °C / 159.8 °F	red	122-300-00	60 g



## Accessories



### Saw

For orthodontics / prosthetics.  
Small saw with replaceable blades.

#### Contents:

Saw incl. 3 saw blades

REF 180-702-00	1 piece
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### Saw blade

For saw.

Length	REF	Quantity
70 mm	180-703-00	5 pieces



### FKO-split-post fixator

acc. to Gordon

This split-post fixator is designed for precise model positioning and holding. Special conical arms allow for the removal and replacement of models.

REF 072-004-00	1 piece
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### Polyclav®

Pressure vessel for polymerization of cold-curing polymers, induction-compatible.

With safety valve.

**Without pressure hose.**

Capacity: 4.5 l

REF 070-010-00	1 piece
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### Pressure hose

For Polyclav® (REF 070-010-00).

Connection plug nipple to fit inlet valve and standard coupling for compressed air sockets.

Length: 1.5 m

Pmax: 8.0 bar

REF 070-015-00	1 piece
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### Heating plate

For Polyclav® (REF 070-000-00 and 070-010-00).

Power voltage	REF	Quantity
230 V~	<b>070-900-00</b>	1 piece

#### Technical data

Output	125 W
Thermostat for water temperature	43 °C / 109.4 °F
Power frequency	50 Hz/60 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 mm x 240 mm x 75 mm



### Suction apparatus with charcoal filter

For protection against vapor during processing of acrylics in the laboratory.

- controlled by a photoelectric sensor (automatic switch on/off)
- includes hour meter
- easy-change filter (replace the filter cartridge, REF 072-001-40, after approx. 50 operating hours)

Power voltage	REF	Quantity
230 V~	<b>072-001-00</b>	1 piece
115 V~	<b>072-002-00</b>	1 piece

#### Technical data

Output	100 W
Power frequency	50 Hz
Weight	6 kg
Dimensions (W x H x D)	220 mm x 260 mm x 260 mm



### Dermatril®, disposable rubber gloves

For protection during work with polymethyl methacrylates such as Orthocryl®.

Made from special nitrile, free from powder and natural latex.

Layer thickness	Size	REF	Quantity
0.10 mm	S	<b>162-907-00</b>	100 pieces
0.10 mm	M	<b>162-908-00</b>	100 pieces
0.10 mm	L	<b>162-909-00</b>	100 pieces



CE 0197



## Accessories



### DubliGel

Specialized duplicating material for secondary model in dental stone.

- very clean duplication with all model dental stones
- excellent cost-effectiveness

**Area of application:**

- dental stone duplication
- Color: pink

REF 165-501-00

5 kg



### ecosil +

Additional cross-linked two component silicone.

- good color contrast
  - green color prevents mixing errors
- extremely thin flowing consistency
  - highly accurate duplicate reproduction
- long working time
  - can be used to re-cast models many times
- medium Shore hardness A (19)
  - use also with ring-free duplicating systems

Component	Color	REF	Quantity	REF	Quantity
<b>A (catalyst)</b>	yellow	<b>108-703-10</b>	1 kg	<b>108-705-10</b>	5 kg
<b>B</b>	blue	<b>108-704-10</b>	1 kg	<b>108-706-10</b>	5 kg

**Technical data**

	A (catalyst)	B
Mixing ratio	1 : 1	
Viscosity at 23 °C / 73 °F	2000 mPas	
Density	1160 g/l	
Working time	6 min - 8 min	
Setting time	30 min	
Shore hardness A	18-20	
Elastic memory	99.9 %	



### Tap

For 5 kg canister.

REF 108-716-00

1 piece

### Appliance container, mini

The mini version is especially suitable for single appliances and oral screens (e.g. the Ulmer model).

Material: Plastic (dimensionally stable and impact resistant)

Dimensions (W x H x D): 7.00 cm x 3.30 cm x 4.80 cm

Size	Color	REF	Quantity
mini	pearl blue	163-602-01	10 pieces
mini	turquoise	163-610-01	10 pieces
mini	neon coral	163-611-01	10 pieces
mini	neon green	163-612-01	10 pieces



### Appliance container, maxi

The maxi version is especially suitable for bimaxillary appliances (e.g. activator, bionator).

Material: Plastic (dimensionally stable and impact resistant)

Dimensions (W x H x D): 7.80 cm x 4.50 cm x 5.60 cm

Size	Color	REF	Quantity
maxi	ruby-red	163-701-01	10 pieces
maxi	pearl blue	163-702-01	10 pieces
maxi	pink	163-703-01	10 pieces
maxi	black	163-707-01	10 pieces
maxi	turquoise	163-710-01	10 pieces
maxi	neon coral	163-711-01	10 pieces
maxi	neon green	163-712-01	10 pieces
maxi	neon yellow	163-713-01	10 pieces



### Appliance containers, magnum

The magnum version is especially suitable for extremely large appliances

(e.g. Fraenkel appliances, orthodontic appliances for adult treatment, or dentures).

Material: Plastic (dimensionally stable and impact resistant)

Dimensions (W x H x D): 6.80 cm x 4.70 cm x 7.80 cm

Size	Color	REF	Quantity
magnum	ruby-red	163-801-01	10 pieces
magnum	pearl blue	163-802-01	10 pieces



# Orthodontic acrylics

## Appliance containers and accessories



### Appliance container, football

Universal size for removable upper appliances, bimaxillary appliances and function regulators incl. snap hook.  
Material: Plastic (dimensionally stable and impact resistant)

Color	REF	Quantity
black-white	163-805-01	10 pieces



### Snap hook

For attaching the appliance container to a belt loop.

REF 163-801-00	10 pieces
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### Cord with safety lock

For appliance containers, printed with Dentaaurum.

Color	REF	Quantity
a variety of colors	163-807-00	25 pieces

