

## Duplicating silicone WaSil soft

656060: WaSil soft 2 x 1 kg component A / B

656061: WaSil soft 2 x 6 kg component A / B

656062: WaSil soft 2 x 25 kg component A / B



USER MANUAL

**Dear customer,**

Thank you for choosing a product from the Wassermann range. Wassermann Dental-Maschinen incorporates the highest standards of quality and the latest technology.



Make sure that anyone using this device has read and understood this user manual.

Keep this user manual in a safe place where it can be referred to as required at any time.

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## 1 Features

- Addition-vulcanizing duplicating silicone, 1:1
- DIN EN ISO 14356
- Type 2 - irreversible
- Duplicating material
- Recommended for duplicating with conventional flasks
- High reproduction of detail graphic accuracy
- Easy model removal caused by reduced hardness
- Suitable for mixing with dosing units
- We recommend the use of the Wassermann dosing and mixing unit Sidomix (172984)

## 2 Technical data

Mixing ratio	1 : 1
Vacuum mixing	40 sec.
Working time 23 °C	> 5 min
Curing time 23 °C	30 - 45 min
Tear strenght (DIN 53504)	ca. 1,8 N/mm <sup>2</sup>
Elongation at tear (DIN 53504)	ca. 220 %
Tear-growth resistance (ASTMD 624 B)	ca. 3,0 N/mm <sup>2</sup>
Hardness Shore A	16–18
Colour	yellow



Technical changes reserved.

### 3 Scope of delivery

<b>Item no.:</b>	<b>Name of the item</b>
656060	WaSil soft 2 x 1 kg component A / B
656061	WaSil soft 2 x 6 kg component A / B
656062	WaSil soft 2 x 25 kg component A / B

### 4 Accessories

#### Mixing canulas

<b>Item no.:</b>	<b>Name of the item</b>
622002	Mixing canulas 1:1, Ø 5.4 mm inside, pink, 100 pieces, for dosing and mixing unit Sidomix and similar units

#### Adapter-set

<b>Item no.:</b>	<b>Name of the item</b>
172634	Adapter-set, for 2 x 1 kg-cask
172636	Adapter-set, for 2 x 6 kg-cask

#### Material cask

<b>Item no.:</b>	<b>Name of the item</b>
172640	Set material cask with quick fitting coupling, 2 x 2 liter

#### Stand

<b>Item no.:</b>	<b>Name of the item</b>
172631	Stand small, for 2 x 6 kg-cask
172632	Stand tall, for 2 x 25 kg-cask

#### Hoses

<b>Item no.:</b>	<b>Name of the item</b>
172633	<b>Connecting hoses complete, 2 pieces</b>

## 5 Application

**Wassermann products are subjected to strict quality controls. All instructions for using the duplicating silicone, whether in verbal or written form, are based on our own experience and experimentation and can only be regarded as guidelines. Only use the product for this type of application.**

WaSil soft is suitable for all duplicating systems with flasks. Models to be duplicated should be at room temperature and should not be soaked. Any dirt on the surface is removed by spraying with a surfactant and by blowdrying carefully. Materials, such as gypsum hardener, grease, oils and some separators, can produce a negative reaction with WaSil soft (refer to „Incompatible materials“ below). Because both components have almost the same viscosity WaSil soft can be measured using the Wassermann dosing and mixing unit Sidomix (172984).

## 6 Incompatible materials

The following materials can produce a negative reaction with addition-curing silicones:

Soft polyvinyl chloride, polysulphide MIL-S-8516, Mystik® 6207 adhesive tape, Mystik® 6215 adhesive tape, Scotch® cellophane strips, Scotch® 360 adhesive tape, Permacel® masking tape, Pliobond® adhesive, Neoprene rubber Buna N rubber, Vitron®A rubber, colophony-based soldering flux, acid-based soldering flux, disinfectant, ISOLIT, cyanoacrylate glue, amino-hardened epoxy, Humiseal® 6215 adhesive tape, vinyl insulating tape, latex vacuum hoses, GRS rubber, natural gum, certain types of silicone and RTV rubber, SUPER-SEP, milling oils, sulphur compounds such as thiols, sulphides, sulphates, sulphites, thiourea and nitrogen compounds such as amines, amides, imides, acids.

If there is any doubt, we recommend testing the material before use.

## **7 Chemical characterisation**

Polymerised dimethyl polysiloxane filler mixture

## **8 Dangerous reactions**

No known dangerous reactions, if stored and used properly.

## **9 Directions**

Store containers tightly sealed in a well-ventilated place. Keep containers dry. Keep away from water, alkalis, strong acids and oxidising agents.

## **10 Toxicity**

None known

## **11 Ecological information**

Present experience suggests that there is no detrimental effect on the environment, if it is used properly and current regulations are observed. It is non-biodegradable and insoluble in water when cured. It can be easily separated from water by filtering.

## **12 Disposal**

Cured silicone is not harmful to the environment and can be disposed of along with domestic waste, as long as this does not contravene local bye-laws.

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