



# MonoSil.HTV

Process silicone from  
only one component





#### Attention!

- Protect from moisture!
- Be careful when dyeing modelling plaster: MonoSil.HTV reacts sensitively to sulphur.

#### MonoSil.HTV at a glance

- Only one component: no mixing, no pre-rolling, fewer rolling cycles
- optimal colour absorption
- small amount of air pockets
- pleasant feel, high level of wearer comfort
- tear resistant after curing

- Fits perfectly to the model due to rollers
- can be processed on the model for 2 - 3 days
- extended curing time
- Store in the refrigerator: Durable for 1 year
- Storage at room temperature, UV-protected: Durable for 6 months

#### Checklist for the perfect HTV silicone product

- EpiSil and MonoSil.HTV must not be mixed
- The **plaster model** must be made exclusively of porous plaster (5E1), sufficiently smoothed and dry\*, insulated with sealer/liquid wax (84E9) and polished.
- The **silicone** must reach room temperature and be free of condensation before processing. It must also be sufficiently rolled and coloured beforehand. Please watch out for air pockets when rolling with the processing roller.
- **Silicone roller** and **Silicone tool** must be cleaned thoroughly before processing.

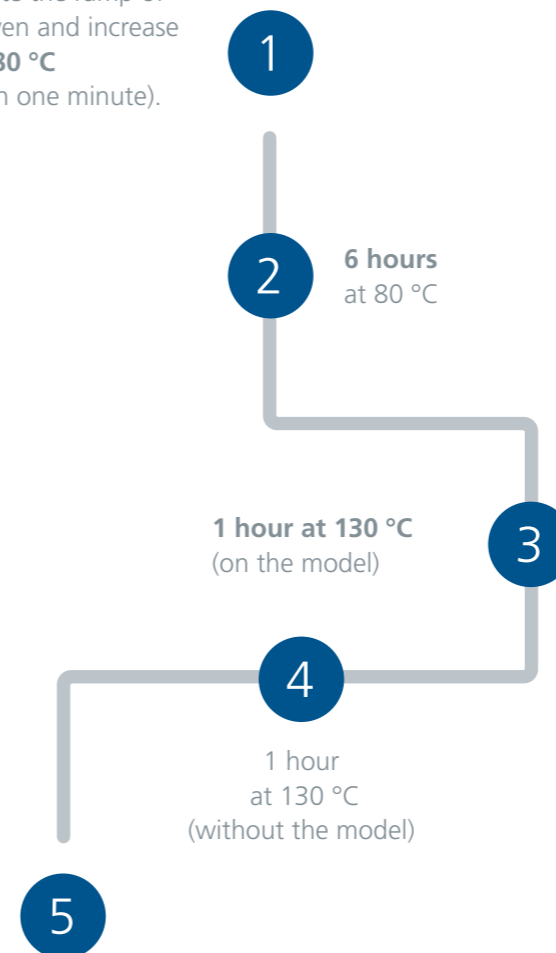
- The **hands** must be clean and free of hand cream or cosmetics.
- The **surface** may only be processed with the recommended materials
- The silicone must be gently cured in an **air oven**: 6 hours at 80 °C, followed by 1 hour at 130 °C on the model and 1 hour at 130 °C without the model.

\* 3 days at 50 °C in a fan oven or 1 week at room temperature and low humidity.  
\*\* The temperature curve is based on the 50M6/3540 fan oven.



#### Setting the temperature curves\*\*

Activate the ramp of the oven and increase it to **80 °C** (within one minute).



allow to cool down to **room temperature**.

#### Pacolor for intensive colour results (44E10-44E19)

- pasty and high-yielding
- lightfast and temperature-resistant
- Available in many colours
- biocompatible


**Tip:**  
All colours can be mixed together and are suitable for all our silicones.

#### Store correctly

- Unopened and in its original packaging (light protection bag), MonoSil.HTV can be kept in the refrigerator (4 - 6 °C) for **1 year** and at room temperature for 6 months.
- After opening or use, wrap in cling film and keep cool (4 - 6 °C) light-protective bag.

**Prepare well in advance:** To allow moisture to escape, MonoSil.HTV must be removed from the refrigerator at least 2.5 hours before processing to reach **room temperature**. This allows condensation to dry on the surface and no longer be rolled into the material afterwards.

#### From material to the workbench – our full range

 In addition to the variety of materials, you will also find suitable **high-quality machines, tools** and **accessories** for silicone processing.

By the way During our **Seminars** we work with MonoSil.HTV.





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