



new
way
milling
technology

The first
thermoelastic
blank for
Dental



optimill[®] memosplint

> Significant developments

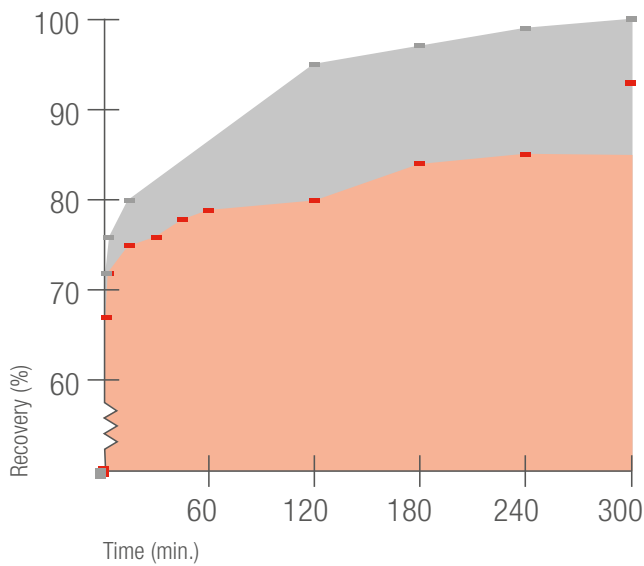
memosplint[®]
The first thermoelastic blank for Dental

This innovative material for splint production is a thermoelastic resin. The special thing about the material is the temperature-dependent mechanical properties. The material becomes more flexible at body temperature in the patient's mouth without losing its high tear and breaking strength. For the patient this means a significantly increased wearing comfort. The memory effect achieved by the material properties allows the splint to automatically reset after deformation.



Medical device class IIa

Recovery of a test specimen bent by 90 °
at RT (red) and at 37 °C body temperature (grey)



Special features

- Tension-free wearing comfort and precise adjustment thanks to memory effect
- Very durable due to maximum break resistance
- Repairable with flexisplint powder-liquid system



Maximum break resistance through thermoelastic flexibility



Memory effect: 100% recovery at body temperature without loss of surface hardness

memosplint® Version S

The first thermoelastic blank for Dental

This new memosplint product variant is universally suitable for the production of all flexible and break-resistant types of splints as well as milled interim restorations due to the increased rigidity. The clear thermoelastic material ensures a high level of aesthetics thanks to almost invisible fastening structures. The patient is

enthusiastic about the tension-free and unnoticed wearing of the restoration. The memosplint version S is also available in different thicknesses and geometries. The dental technician saves a considerable amount of time and gets reproducible results through the digital manufacturing process. The memosplint material of both variants is clear transparent and tasteless. It is very machinable and is compatible to manual corrections by the help of conventional powder-liquid systems. The suitability exists for therapeutic splints as well as reflex, positioning and stabilization splints.

Special features

- Tension-free wearing comfort thanks to the memory effect
- Can be relined / expanded and is easy to polish
- Repairable with vivatemp powder-liquid system



Order information

Product	Description	Item No.
optimill memosplint	16 mm x 98,5 mm with step	42242
optimill memosplint	20 mm x 98,5 mm with step	42243
optimill memosplint	25 mm x 98,5 mm with step	42244
optimill memosplint (ZZ)	16 mm x 95 mm, ZZ	42262
optimill memosplint (ZZ)	20 mm x 95 mm, ZZ	42263
optimill memosplint Version S	16 mm x 98,5 mm with step	42232
optimill memosplint Version S	20 mm x 98,5 mm with step	42233
optimill memosplint Version S	25 mm x 98,5 mm with step	42234
optimill memosplint Version S (ZZ)	16 mm x 95 mm, ZZ	42268
optimill memosplint Version S (ZZ)	20 mm x 95 mm, ZZ	42269