

Composite now printable! **NEW**

FuturaPrint

Composite materials now 3D printable
Strength and aesthetics combined in 3D printing!

✓ Perfect for your digital workflow

✓ Natural color and tooth feel

✓ High strength & stability

Dentures

Denture bases



Single tooth crown

Inlays

Onlays



- That's what FuturaPrint is all about!**
- FuturaPrint Base
 - FuturaPrint Composite
 - FuturaPrint Bonding
 - FuturaPrint Fixator

FuturaPrint Versatile + Reliable

FuturaPrint Composite

A light-curing composite material in various shades for the additive fabrication of anterior and posterior restorations. The material is compatible with conventional 3D Printers from Rapidshape and ASIGA 3D printers and meets the performance requirements of DIN EN ISO 10477.

- ✓ High strength and stability
- ✓ **Natural color fidelity**
- ✓ **Precise fit in 3D printing**
- ✓ Wide range of colors

10 colors

A1, A2, A3, A3.5, B1, B3, C1, C3, D3, Bleach

**FuturaPrint Composite makes the difference:
Durable crowns from the 3D printer that take
technology and aesthetics to a new level.**

Composition

Mixture of acrylates, fillers, initiators, and pigments.
Filler content: ca. 50 % (by weight)
Medical device risk class: II a (EU) & class 2 (US)

Indications

Additive manufacturing of anterior and posterior restorations, e.g. single tooth crowns, veneers, inlays, onlays, artificial denture teeth



Physical properties	Requirement*	Average values**
Flexural strength	≥ 50 MPa	144 MPa
Flexural modulus	n/a	5815 MPa
Water absorption	≤ 40 µg/mm ³	16 µg/mm ³
Solubility	≤ 7.5 µg/mm ³	0.2 µg/mm ³
Compressive strength	≥ 300 MPa	420 MPa
Viscosity	n/a	1.0 - 3.0 Pas

Illustrations and technical data may vary.

* According to DIN EN ISO 10477

** Average value of 5 test specimens. The values of the installed parts may differ from the measured values depending on the conditions of use and the standards complied with.

FuturaPrint
Composite



Order now!

FuturaPrint Base

Light-curing resin for the additive manufacturing of denture bases in pink-opaque and pink-transparent color variants. The material has been optimized for Rapidshape DLP systems of the D series with a wavelength of 385 nm for layer thicknesses of 100 µm.

- ✓ **Stable & durable denture base**
- ✓ **Natural aesthetics in shades of pink**
- ✓ **Biocompatible & comfortable to wear**

2 colors

pink-opaque, pink-transparent

Physical properties	Requirement*	Average values**
Flexural strength	≥ 65 MPa	114 MPa
Flexural modulus	≥ 2000 MPa	2973 MPa
Water absorption	≤ 32 µg/mm ³	26 µg/mm ³
Solubility	≤ 1.6 µg/mm ³	0.5 µg/mm ³
Viscosity	n/a	1.5 Pas

FuturaPrint Bonding FuturaPrint Fixator

FuturaPrint Bonding (liquid adhesive) and FuturaPrint Fixator (paste adhesive) are available for securely bonding teeth to the printed denture base. Both materials are specially designed for the FuturaPrint system and ensure reliable, permanent attachment. The products finalize the digital denture fabrication process.

- ✓ **Strong and durable connection between dentures and base**
- ✓ **Perfectly matched to FuturaPrint for maximum process reliability**
- ✓ **Easy to use for efficient workflows in the laboratory**



FuturaPrint Base



Order now!

FuturaPrint Bonding



Order now!

FuturaPrint Fixator



Order now!

* According to DIN EN ISO 20795-1

** Average value of 5 test specimens. The values of the installed parts may differ from the measured values depending on the conditions of use and the standards complied with.

Composite now printable! **NEW**

Find the right FuturaPrint products for your digital workflow!

FuturaPrint Composite 500 g	
Color	REF
A1	650784
A2	650785
A3	650786
A3.5	650787
B1	650789
B3	650794
C1	650788
C3	650795
D3	650791
Bleach	650790

FuturaPrint Base 1000 g	
Color	REF
pink-opaque	650770
pink-transparent	650771

FuturaPrint Bonding	
Product	REF
10 ml	650792

FuturaPrint Fixator	
Product	REF
8 g	650793



FuturaPrint makes the difference:
Full workflow integration, reliable impressive quality,
everything from a single source.



- Fully integrated and perfectly coordinated complete digital workflow
- ONE contact partner
- Economical and efficient
- By users for users
- Solutions tailored to your individual needs



Are you familiar with our digital workflow? We are your one-stop shop for everything you need.

Images may vary.