

detax



Premium 3D dental resins

dx 3D Guide

The background is an abstract composition of smooth, flowing, organic shapes in shades of yellow, green, and teal. The shapes overlap and curve, creating a sense of movement and depth. The lighting is soft, with subtle gradients and highlights that give the forms a three-dimensional quality.

detax

Materials that matter



Welcome to the world of detax

For over 70 years, we have been dedicated to developing high-quality silicones and composites for dentistry and hearing aid acoustics. Our innovative materials empower patients to regain their quality of life and restore their smiles.

Ideas are our most important raw materials

Our passion for developing new products is our driving force – time and again, medical products from Detax set new standards in audio and dental technology.

Quality made in Ettlingen

Not only do we constantly invest in research, but we also manufacture our products ourselves in our factory on the company premises in Ettlingen. This gives us continuous control over what is most important to us in our work: its quality.

Partnership to go

Medical products from Detax are valued in over 100 countries around the world. To ensure safe distribution, Detax works with selected partner companies in the target countries.

The best thing about us is the we

A respectful attitude towards our business partners and our staff is important to us. Friendly appreciation determines the way we treat each other and people outside the company.

Detax is growing and our teams are also expanding, which is why we welcome every application. From initial contact and onboarding to update meetings and further training: We accompany and support every employee in all phases of their working life.

3D resins by detax

denture/C&B



Material type							
Application		Removable denture bases, total prosthesis	Removable denture bases, total prosthesis	Removable partial dentures, flexible	Permanent crowns, denture teeth, Long-term temporary bridges	Temporary crowns & bridges	Individual functional try-ins
Color		Pink-transparent, pink	Pink-transparent, pink	Pink-transparent, clear	A1, A2, A3, A3.5, B1, B3, C2, D3, BL	A1, A2, A3	A1, A2, A3
Medical Device Class	MDR	IIa	IIa	IIa	IIa	IIa	IIa
	FDA	II	II	II	II	II	I
	NMPA	–	–	–	–	–	–
	HC	II	II	II	III	II	I

model



Material type						
Application		Master & working models, situation models, control models	Master & working models, situation models, control models	Working models for thermoforming and aligner technology	Thermoforming models	Gingival masks for dental models
Color		Caramel, grey, light grey, sand	Caramel, grey, sand	Caramel, light tan	Light blue	Gingiva
Medical Device Class	MDR	TEC resin	TEC resin	TEC resin	TEC resin	TEC resin
	FDA	TEC resin	TEC resin	TEC resin	TEC resin	TEC resin
	NMPA	I	–	–	I	I
	HC	TEC resin	TEC resin	TEC resin	TEC resin	TEC resin

aligner/splint/ surgical guide



Material type						
Application		Direct printing of aligners and retainers	Functional splints, retainers, mouth-guards, night-guards, bleaching trays	Flexible splints, retainers, mouth-guards, night-guards, bleaching trays	Hard splints	Autoclavable surgical guides, orthodontic base components
Color		Clear-transparent	Clear-transparent	Clear-transparent	Clear-transparent	Clear-transparent
Medical Device Class	MDR	Ila	Ila	Ila	Ila	Ila
	FDA	in process	II	II	I	I
	NMPA	–	–	–	TEC resin	TEC resin
	HC	II	II	II	II	II

others



Material type				
Application		Individual impression trays, functional trays, base plates	Orthodontic bracket transfer trays, bleaching trays	Casting technique, burns without residue
Color		Green	Transparent	Red-transparent
Medical Device Class	MDR	I	I	TEC resin
	FDA	I	I	TEC resin
	NMPA	MED resin	–	–
	HC	I	I	TEC resin

MDR Medical Device Regulation EU
 FDA Food and Drug Administration USA
 NMPA National Medical Products Administration China
 HC Health Canada

3D Freeprint® Material

denture/C&B



3D Freeprint® Material

denture

Light-curing formulation for 3D printing of denture bases and total prosthesis.

Colors:
pink-transparent,
pink

Wavelength:
385 nm

Medical Product:
Class IIa

REF	Product	Unit
02060 / 02040 / 03518	Freeprint® denture pink-transparent	500 g / 1000 g / 5 kg
04092 / 03298	Freeprint® denture pink	1000 g / 5 kg

Parameters	Standard	
Flexural strength	DIN EN ISO 20795-1 ¹⁾	> 100 MPa
Flexural modulus	DIN EN ISO 20795-1 ¹⁾	> 2500 MPa
Water absorption	DIN EN ISO 20795-1 ¹⁾	< 32 µg / mm³
Solubility	DIN EN ISO 20795-1 ¹⁾	< 1.6 µg / mm³
Hardness	–	> 83 Shore D
Biocompatibility	DIN EN ISO 10993-1 ²⁾	fulfilled

¹⁾ Dentistry: Denture resins (in keeping with the standard at room temperature)

²⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system



36 months

detax
MDR
CERTIFIED

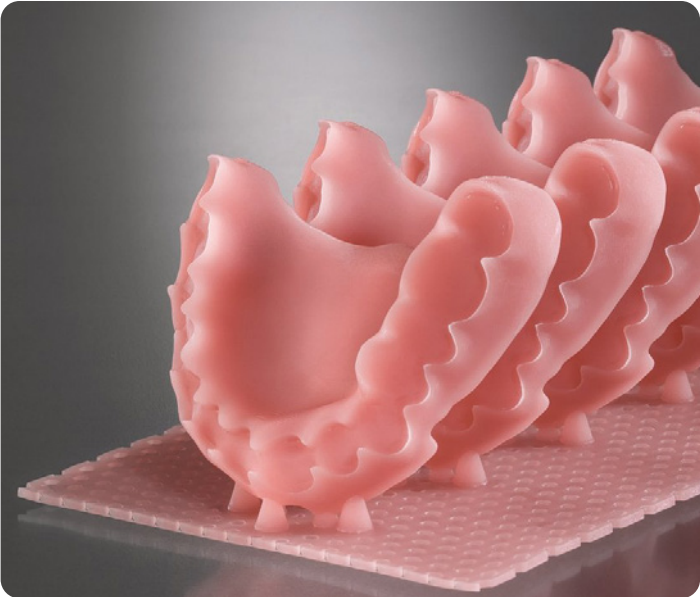
FDA
510K CLEARED

HEALTH
CANADA
CLASS II LICENSE

eco

Premium
MMA free
THF-MA free
Formula

CE
0483



3D Freeprint® Material

denture impact

Light-curing formulation for 3D printing of impact resistant denture bases.



Colors:
pink-transparent,
pink



Wavelength:
385 nm



Medical Product:
Class IIa

REF	Product	Unit
04436	Freeprint® denture impact pink-transparent	1000 g
04437	Freeprint® denture impact pink	1000 g

Parameters	Standard	
Flexural strength	DIN EN ISO 20795-1 ¹⁾	> 80 MPa
Flexural modulus	DIN EN ISO 20795-1 ¹⁾	> 2100 MPa
Water sorption	DIN EN ISO 20795-1 ¹⁾	< 32 µg / mm ³
Solubility	DIN EN ISO 20795-1 ¹⁾	< 1.6 µg / mm ³
Hardness	–	> 82 Shore D
Biocompatibility	DIN EN ISO 10993-1 ²⁾	fulfilled

¹⁾ Dentistry: Denture resins (in keeping with the standard at room temperature)

²⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system



3D Freeprint® Material

denture flex

Light-curing formulation for 3D printing of flexible partial denture bases.



Colors:
 pink-transparent,
 clear



Wavelength:
 385 nm



Medical Product:
 Class IIa

REF	Product	Unit
04625	Freeprint® denture flex pink-transparent	1000 g
04626	Freeprint® denture flex clear	1000 g

Parameters	Standard	
Elongation	DIN EN ISO 527-1 ¹⁾	> 20 %
Tensile Strength	DIN EN ISO 527-1 ¹⁾	> 45 MPa
Water sorption	DIN EN ISO 20795-1 ²⁾	< 32 µg / mm ³
Solubility	DIN EN ISO 20795-1 ²⁾	< 1.6 µg / mm ³
Hardness	–	> 78 Shore D
Biocompatibility	DIN EN ISO 10993-1 ³⁾	fulfilled

¹⁾ Resins: Determination of tensile strength (in keeping with the standard at room temperature)
²⁾ Dentistry: Denture resins (in keeping with the standard at room temperature)
³⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system

dx

09

3D Freeprint® Material

crown

Light-curing formulation for 3D printing of permanent single crowns, denture teeth and long-term temporary bridges.

**Colors:**

A1, A2, A3, A3.5,
B1, B3, C2, D3, BL

**Wavelength:**

385 nm

**Medical Product:**

Class IIa

REF	Product	Unit
02372 / 02376	Freeprint® crown A1	500 g / 1000 g
02378 / 02415	Freeprint® crown A2	500 g / 1000 g
02417 / 02446	Freeprint® crown A3	500 g / 1000 g
04709 / 04708	Freeprint® crown A3.5	500 g / 1000 g
02481 / 02519	Freeprint® crown B1	500 g / 1000 g
02645 / 02758	Freeprint® crown B3	500 g / 1000 g
02766 / 02782	Freeprint® crown C2	500 g / 1000 g
02783 / 02825	Freeprint® crown D3	500 g / 1000 g
02845 / 02884	Freeprint® crown BL	500 g / 1000 g

Parameters	Standard	
Flexural strength	DIN EN ISO 10477 ¹⁾	> 100 MPa
Flexural modulus	DIN EN ISO 10477 ¹⁾	> 2800 MPa
Water absorption	DIN EN ISO 10477 ¹⁾	< 40 µg / mm ³
Solubility	DIN EN ISO 10477 ¹⁾	< 7.5 µg / mm ³
Hardness	–	> 50 Barcol
Biocompatibility	DIN EN ISO 10993-1 ²⁾	fulfilled

¹⁾ Crown and veneering resins (in keeping with the standard at room temperature)

²⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system



3D Freeprint® Material

temp

Light-curing formulation for 3D printing of temporary crowns & bridges and anterior and posterior tooth restorations.



Colors:
A1, A2, A3



Wavelength:
385 nm



Medical Product:
Class IIa

REF	Product	Unit
04058 / 04062	Freeprint® temp A1	500 g / 1000 g
04059 / 04063	Freeprint® temp A2	500 g / 1000 g
04060 / 04064	Freeprint® temp A3	500 g / 1000 g

Parameters	Standard	
Flexural strength	DIN EN ISO 10477 ¹⁾	> 100 MPa
Flexural modulus	DIN EN ISO 10477 ¹⁾	> 2300 MPa
Water absorption	DIN EN ISO 10477 ¹⁾	< 40 µg / mm³
Solubility	DIN EN ISO 10477 ¹⁾	< 7.5 µg / mm³
Hardness	–	> 40 Barcol
Biocompatibility	DIN EN ISO 10993-1 ²⁾	fulfilled

¹⁾ Crown and veneering resins (in keeping with the standard at room temperature)
²⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system





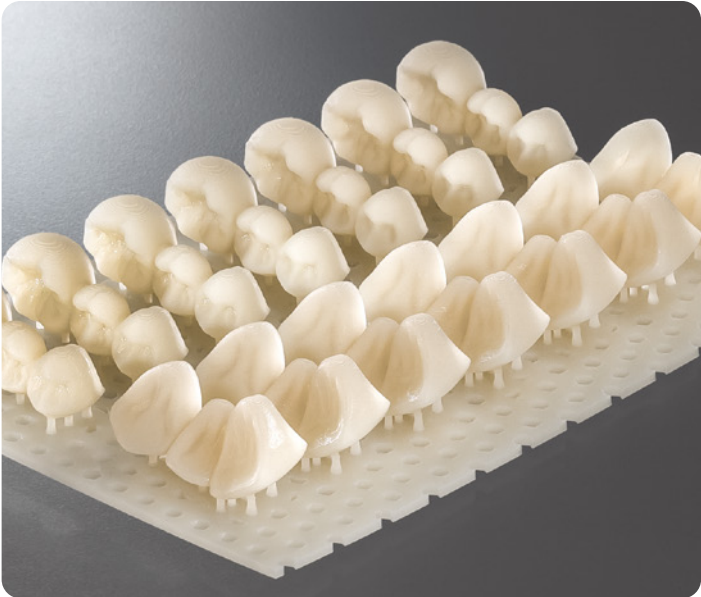












3D Freeprint® Material

tryin

Light-curing formulation for 3D printing of individual functional try-ins of digitally manufactured denture bases.



Colors:
A1, A2, A3



Wavelength:
385 nm



Medical Product:
Class IIa

REF	Product	Unit
O4426	Freeprint® tryin A1	1000 g
O4427	Freeprint® tryin A2	1000 g
O4428	Freeprint® tryin A3	1000 g

Parameters	Standard	
Flexural strength	DIN EN ISO 20795-1 ¹⁾	> 100 MPa
Flexural modulus	DIN EN ISO 20795-1 ¹⁾	> 2200 MPa
Hardness	–	> 85 Shore D
Biocompatibility	DIN EN ISO 10993-1 ²⁾	fulfilled

¹⁾ Dentistry: Denture resins (in keeping with the standard at room temperature)

²⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system



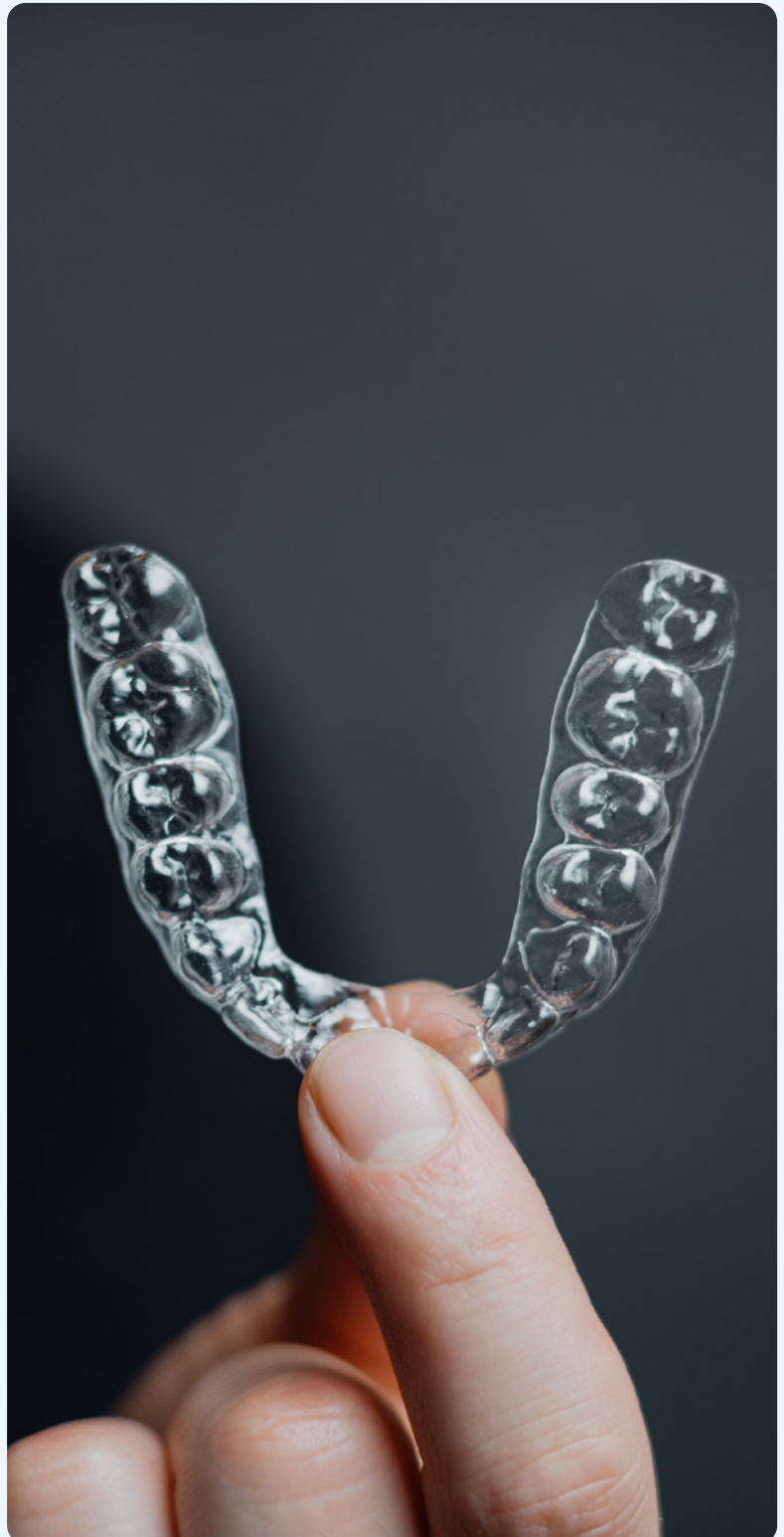


detax

Materials that matter

3D Freeprint® Material

aligner/splint/surgical guide



3D Med Material

dx direct aligner

Light curing formulation for direct printing of aligners and retainers.

- Outstanding biocompatibility
- Optimal balance of strength & flexibility
- Streamlined workflow
- No discoloration

 **Color:**
clear-transparent

 **Wavelength:**
385 nm

 **Medical Product:**
Class IIa

REF	Product	Unit
04707	dx direct aligner	1000 g
04706	dx direct aligner	5 kg

Parameters	Standard	
Flexural strength	DIN EN ISO 20795-2 ¹⁾	> 40 MPa
Flexural modulus	DIN EN ISO 20795-2 ¹⁾	> 1000 MPa
Tensile strength	DIN EN ISO 527-1 ²⁾	> 55 MPa
Elongation	DIN EN ISO 527-1 ²⁾	> 25 %
Hardness	-	> 75 Shore D
Glass transition temperature	DIN EN ISO 6721-11 ³⁾	> 86 °C
Water absorption	DIN EN ISO 20795-2 ¹⁾	< 32 µg/mm ³
Solubility	DIN EN ISO 20795-2 ¹⁾	< 5 µg/mm ³
Biocompatibility	DIN EN ISO 10993-1 ⁴⁾	fulfilled

¹⁾ Dentistry: Orthodontic resins (in keeping with the standard at room temperature)

²⁾ Resins: Determination of tensile strength (in keeping with the standard at room temperature)

³⁾ Resins: Determination of dynamic mechanical properties - Glass transition temperature

⁴⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system



3D Freeprint® Material

splintmaster taff & flex

Light-curing formulation for 3D printing of flexible splints, retainers, mouthguards, nightguards and bleaching trays. In two levels of flexibility: taff – for functional splints, flex – for flexible splints.



Color:
clear-transparent



Wavelength:
385 nm



Medical Product:
Class IIa

REF	Product	Unit
04433	Freeprint® splintmaster taff	1000 g
04432	Freeprint® splintmaster flex	1000 g

Parameters	Standard	taff / flex
Tensile strength	DIN EN ISO 527-1 ¹⁾	> 40 MPa / > 25 MPa
Tensile elongation	DIN EN ISO 527-1 ¹⁾	> 20 % / > 50 %
Tear propagation resistance	DIN EN ISO 34-1 ²⁾	> 140 N/mm / > 110 N/mm
Hardness	–	> 75 Shore D / > 65 Shore D
Water absorption	DIN EN ISO 20795-2 ³⁾	< 32 µg / mm ³ / < 32 µg / mm ³
Solubility	DIN EN ISO 20795-2 ³⁾	< 5 µg / mm ³ / < 5 µg / mm ³
Biocompatibility	DIN EN ISO 10993-1 ⁴⁾	fulfilled / fulfilled

¹⁾ Resins: Determination of tensile strength (in keeping with the standard at room temperature)

²⁾ Thermoplastic elastomers: Determination of tear propagation resistance (in keeping with the standard at room temperature)

³⁾ Dentistry: Orthodontic resins (in keeping with the standard at room temperature)

⁴⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system



3D Freeprint® Material

splint 2.0

Light-curing formulation for 3D printing of hard splints.



Color:

clear-transparent



Wavelength:

385 nm



Medical Product:

Class IIa

REF	Product	Unit
02080 / 02076	Freeprint® splint 2.0	500 g / 1000 g

Parameters	Standard	
Flexural strength	DIN EN ISO 20795-2 ¹⁾	> 80 MPa
Flexural modulus	DIN EN ISO 20795-2 ¹⁾	> 2000 MPa
Water absorption	DIN EN ISO 20795-2 ¹⁾	< 32 µg / mm³
Solubility	DIN EN ISO 20795-2 ¹⁾	< 5 µg / mm³
Hardness	–	> 80 Shore D
Biocompatibility	DIN EN ISO 10993-1 ²⁾	fulfilled

¹⁾ Dentistry: Orthodontic resins (in keeping with the standard at room temperature)

²⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system



36 months



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FDA

LISTING



HEALTH CANADA

CLASS II LICENSE



Premium

MMA free THF-MA free

Formula



CE

0483

dx

17

3D Freeprint® Material

ortho

Light-curing formulation for 3D printing of autoclavable base parts for orthodontic appliances, surgical guides and X-ray templates.



Color:
clear-transparent



Wavelength:
385 / 405 nm



Medical Product:
Class IIa

REF	Product	Unit
03989 / 04323	Freeprint® ortho 385	1000 g / 5 kg
03988	Freeprint® ortho 405	1000 g

Parameters	Standard	
Flexural strength	DIN EN ISO 20795-2 ¹⁾	> 75 MPa
Flexural modulus	DIN EN ISO 20795-2 ¹⁾	> 1650 MPa
Water absorption	DIN EN ISO 20795-2 ¹⁾	< 32 µg / mm ³
Solubility	DIN EN ISO 20795-2 ¹⁾	< 5 µg / mm ³
Hardness	–	> 82 Shore D
Biocompatibility	DIN EN ISO 10993-1 ²⁾	fulfilled

¹⁾ Dentistry: Orthodontic resins (in keeping with the standard at room temperature)

²⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system



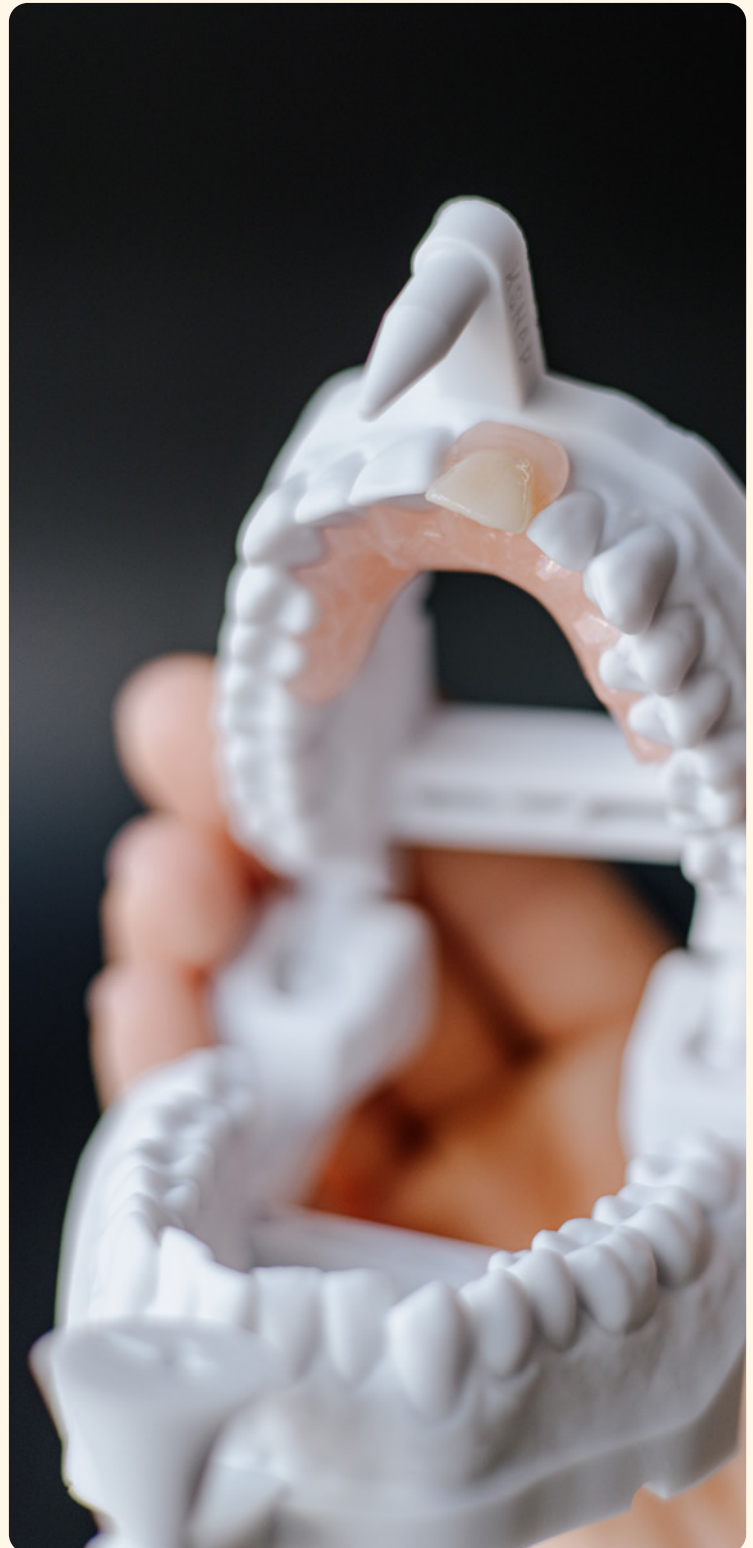
The background of the image is an abstract composition of flowing, organic shapes in shades of yellow, green, and teal. The shapes appear to be layered and curved, creating a sense of movement and depth. The colors are soft and blended, with the yellow and green tones dominating the upper and middle sections, while the teal and blue tones are more prominent in the lower right corner.

detax

Materials that matter

3D Freeprint® Material

model



3D Freeprint® Material

model 2.0

Light-curing formulation for 3D printing of master and working models, situation models, control models.


Colors:
 caramel, light grey,
 grey, sand, white


Wavelength:
 380 – 405 nm


**Technical
product**

REF	Product	Unit
02850 / 04015	Freeprint® model 2.0 caramel	1000 g / 5 kg
02099 / 04107	Freeprint® model 2.0 light grey	1000 g / 5 kg
02177 / 04106	Freeprint® model 2.0 grey	1000 g / 5 kg
02128 / 04117	Freeprint® model 2.0 sand	1000 g / 5 kg
02148 / 04118	Freeprint® model 2.0 white*	1000 g / 5 kg

* not THF-MA free

Parameters	Standard	
Flexural strength	DIN EN ISO 178 ¹⁾	> 80 MPa
Flexural modulus	DIN EN ISO 178 ¹⁾	> 1700 MPa
Hardness	–	> 84 Shore D

¹⁾ Resins: Determination of flexural strength (in keeping with the standard at room temperature)



3D Freeprint® Material

model pro

Light-curing formulation for 3D printing of master and working models, situation models, control models.



Colors:
caramel, grey, light
grey, sand



Wavelength:
380 – 405 nm



**Technical
Product**

REF	Product	Unit
04440 / 02585	Freeprint® model pro caramel	1000 g / 5 kg
04438 / 02574	Freeprint® model pro grey	1000 g / 5 kg
02546 / 02558	Freeprint® model pro light grey	1000 g / 5 kg
04439 / 02579	Freeprint® model pro sand	1000 g / 5 kg

Parameters	Standard	
Flexural strength	DIN EN ISO 178 ¹⁾	> 90 MPa
Flexural modulus	DIN EN ISO 178 ¹⁾	> 2000 MPa
Hardness	–	> 82 Shore D

¹⁾ Resins: Determination of flexural strength (in keeping with the standard at room temperature)



3D Tec Material

dx model basic

Light-curing formulation for 3D printing of working models, especially for thermoforming and aligner technology.

- High temperature resistance
- Good surface hardness
- Short post-processing
- Suitable for hollow models



Colors:
caramel, light tan



Wavelength:
380 – 405 nm



**Technical
Product**

REF	Product	Unit
04734	dx model basic caramel	1000 g*
04735	dx model basic caramel	5 kg*
04733	dx model basic caramel	200 kg*
04737	dx model basic light tan	1000 g*
04738	dx model basic light tan	5 kg*
04736	dx model basic light tan	200 kg*

* Minimum order quantity 500 kg

Parameters	Standard	
Flexural strength	DIN EN ISO 178 ¹⁾	> 75 MPa
Flexural modulus	DIN EN ISO 178 ¹⁾	> 2000 MPa
Hardness	–	> 80 Shore D

¹⁾ Resins: Determination of flexural strength (in keeping with the standard at room temperature)



3D Freeprint® Material

model T

Light-curing formulation for 3D printing of thermoforming models.

 **Color:**
light blue

 **Wavelength:**
380 – 405 nm

 **Technical product**

REF	Product	Unit
02332 / 04322	Freeprint® model T	1000 g / 5 kg

Parameters	Standard	
Working temperature for thermoforming sheets	–	≤ 195 °C
Flexural strength	DIN EN ISO 178 ¹⁾	> 80 MPa
Flexural modulus	DIN EN ISO 178 ¹⁾	> 1700 MPa
Hardness	–	> 83 Shore D

¹⁾ Resins: Determination of flexural strength (in keeping with the standard at room temperature)



 36 months

 eco

 TEC

 Premium
MMA free
Formula



3D Freeprint® Material

gingiva

Light-curing formulation for 3D printing of flexible gingival masks for dental models.

 **Color:**
gingiva

 **Wavelength:**
380 – 405 nm

 **Technical product**

REF	Product	Unit
02820 / 02843	Freeprint® gingiva	500 g / 1000 g

Parameters	Standard	
Tensile strength	DIN EN ISO 527-1 ¹⁾	> 3 MPa
Tensile elongation	DIN EN ISO 527-1 ¹⁾	> 90 %
Hardness	–	> 70 Shore A

¹⁾ Resins: Determination of tensile strength (in keeping with the standard at room temperature)

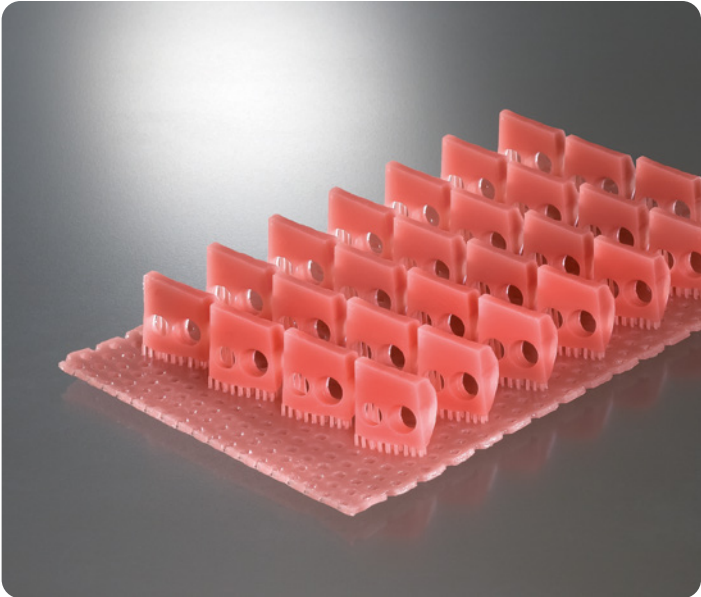


 36 months

 TEC

 Premium
MMA free
THF-MA free
Formula

 BPA
free



3D Freeprint® Material

tray/ibt/cast



3D Freeprint® Material

tray 2.0

Light-curing formulation for 3D printing of individual impression and functional trays, base plates.



Color:
green


Wavelength:
380 – 405 nm


Medical Product:
Class I

REF	Product	Unit
02505	Freeprint® tray 2.0	1000 g
04624	Freeprint® tray 2.0	5 kg

Parameters	Standard	
Flexural strength	DIN EN ISO 178 ¹⁾	> 90 MPa
Flexural modulus	DIN EN ISO 178 ¹⁾	> 1900 MPa
Hardness	–	> 84 Shore D
Biocompatibility	DIN EN ISO 10993-1 ²⁾	fulfilled

¹⁾ Resins: Determination of flexural strength (in keeping with the standard at room temperature)
²⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system

















3D Freeprint® Material

ibt

Light-curing formulation for 3D printing of flexible orthodontic bracket transfer trays and bleaching trays.


Color:
transparent


Wavelength:
385 nm


Medical Product:
Class I

REF	Product	Unit
04249	Freeprint® ibt	1000 g

Parameters	Standard	
Tensile strength	DIN EN ISO 527-1 ¹⁾	> 8 MPa
Tensile elongation	DIN EN ISO 527-1 ¹⁾	> 60 %
Tear propagation resistance	DIN EN ISO 34-1 ²⁾	> 35 N/mm
Hardness	–	> 90 Shore A
Biocompatibility	DIN EN ISO 10993-1 ³⁾	fulfilled

¹⁾ Resins: Determination of tensile strength (in keeping with the standard at room temperature)
²⁾ Thermoplastic elastomers: Determination of tear propagation resistance (in keeping with the standard at room temperature)
³⁾ Biological assessment of medical devices – Part 1: Assessment and testing in the context of a risk management system

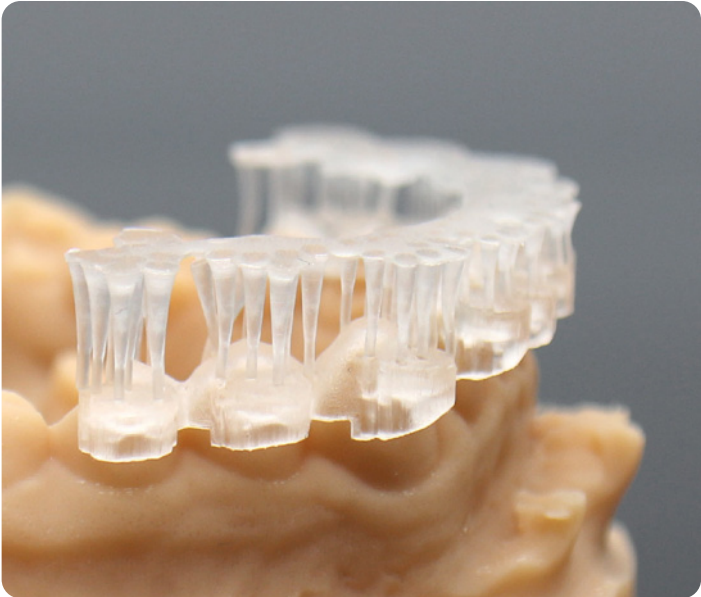










3D Freeprint® Material

cast 2.0

Light-curing formulation for 3D printing of high-precision casting objects.

 **Color:**
red-transparent

 **Wavelength:**
380 – 405 nm

 **Technical product**

REF	Product	Unit
02548 / 02632	Freeprint® cast 2.0	500 g / 1000 g

Parameters	Standard	
Flexural strength	DIN EN ISO 178 ¹⁾	> 70 MPa
Flexural modulus	DIN EN ISO 178 ¹⁾	> 1700 MPa
Bakeout temperature	–	1 h @ 800 °C
Combustion residue	–	< 0.1%

¹⁾ Resins: Determination of flexural strength (in keeping with the standard at room temperature)



 36 months

 TEC

 Premium
MMA free
THF-MA free
Formula



dx validation printer matrix (385 nm)

	denture/C&B						aligner/splint/surgical guide						model					tray/bst/cast			
	denture	denture impact	denture flex	crown	temp	tryin	aligner	splint	surgical guide	ortho	model 2.0	model pro	di model basic	model T	gingiva						
ASIGA																					
Max	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Max2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Ultra	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Pico2	●				●	●				●	●		●	●	●	●	●	●			
PRO2	●				●	●				●	●		●	●	●	●	●	●			
PRO 4K	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
rapidshape																					
ONE		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Pro20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Pro30	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
D10/D20 Series	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
D30/D40 Series	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
D50+ Series	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
D70/D90 Series					●	●								●							
straumann																					
P Series	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Qualification	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
	● validated ● in process																				
	Date: 02/2026																				

dx validation printer matrix (385 nm)

	denture/C&B	aligner/splint/surgical guide	model	tray/lst/cast
ivoclar				
PrograPrint PR5				
MICROLAY by Ivoclar				
Versus				
Gildewell				
Fastprint.io				
LuxCleo				
ILux Pro Dental				
MICRAFT				
Prime/Hyper Series				
Ultra Series				
Alpha				
3Hx Hi-Clear				
A2D				
A2D-HD				
A3D				
Chairside				
W2P				
SoftFlex				
Qualification				

dx validation printer matrix (405 nm)

	denture/C&B					aligner/splint/surgical guide					model					tray/lbt/cast				
formlabs																				
Form 4B		●	●	●	●	●	●	●												
RAYSHAPE																				
Edge E2		●		●	●		●													
Edge Mini		●		●	●															
MICROLAY																				
Eve Pro											●		●		●					●
Aidite																				
CPD-100	●	●		●	●		●	●												
phrozen																				
Sonic 4K		●									●	●	●		●	●			●	
SHINING 3D																				
Accu-Fab L4D		●		●	●						●	●	●		●				●	
Accu-Fab CEL		●		●	●									●						
Accu-Fab D1s		●									●				●				●	
3D MTC																				
Mecatroncore								●											●	●
Qualification	● validated	● in process																		
	Date: 02/2026																			

dx validation curing matrix

	denture/C&B					aligner/splint/surgical guide					model					tray/bdt/cast				
	denture	denture impact	denture flex	crown	temp	tryn	aligner	splint	surgical guide	ortho	du:mode basic	model T	gingiva	tray 2.0	tray	cast 2.0	tray 2.0	tray	cast	tray
MNK-Optik	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ASIGA	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
rapidshope	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
streumann	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
dentalfarm	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gildewell	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LuxCreo	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Qualification	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

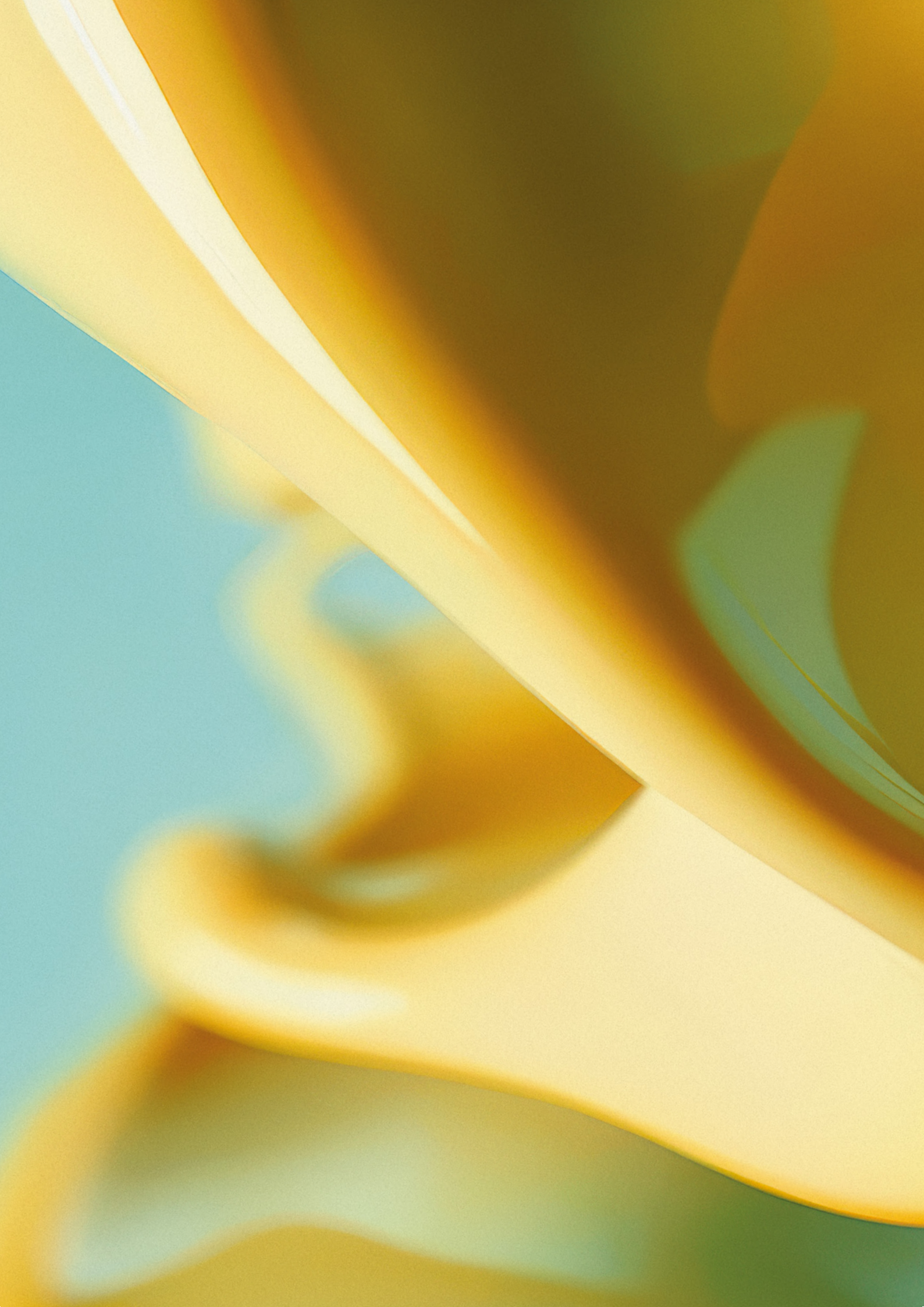
Date: 02/2026

dx validation curing matrix

	denture/C&B	aligner/splint/surgical guide	model	tray/bt/cast
				
BB-Cure				
BB-Cure N				
				
Phrozen Cure				
ivoclar				
PrograPrint Cure				
formlabs 				
Form Cure (2nd Generation)				
Form Cure				
 Heraeus				
PCU Pro				
PCU 3.0				
 Dewo				
PCU LED N2				
SHINING 3D DENTAL				
FabCure				
Qualification	● validated	● in process		

dx validation curing matrix

	denture/C&B					aligner/splint/surgical guide					model					tray/bdt/cast			
	denture	denture impact	denture flex	crown	temp	tryin	aligner	splint	surgical guide	ortho	model 2.0	model pro	du: model basic	model T	gingiva	tray 2.0	tray	cast 2.0	
 PRUSA 3D printing																			
MedicalCWOOne											●			●					●
RAYSHAPE [®]																			
ShapeCure D		●	●	●	●	●				405 nm	●			●	●				●
 Dentsply Sirona																			
DigitalCure		●	●	●	●	●													
Large Capacity Unit																			
DigitalCure		●	●	●	●	●													
Curing Unit		●	●	●	●	●													
Qualification	●	validated	●	in process															
Date: 02/2026																			



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