

detax



Premium 3D dental resins

dx 3D US Guide





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, dark reddish pink	Pink-transparent, clear	A1, A2, A3, A3.5, B1, B3, C2, D3, BL	A1, A2, A3	A1, A2, A3
Medical Device Class	MDR	Ila	Ila	Ila	Ila	Ila	Ila
	FDA	II	II	II	II	II	I
	NMPA	–	–	–	–	–	–
	HC	II	II	II	III	II	I



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

retainer/splint/ surgical guide



Material type						
Application		Direct printing of retainers	Functional splints, retainers, mouthguards, nightguards, bleaching trays	Flexible splints, retainers, mouthguards, nightguards, 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	–	IIa	IIa	IIa	IIa
	FDA	I	II	II	I	I
	NMPA	–	–	–	TEC resin	TEC resin
	HC	–	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



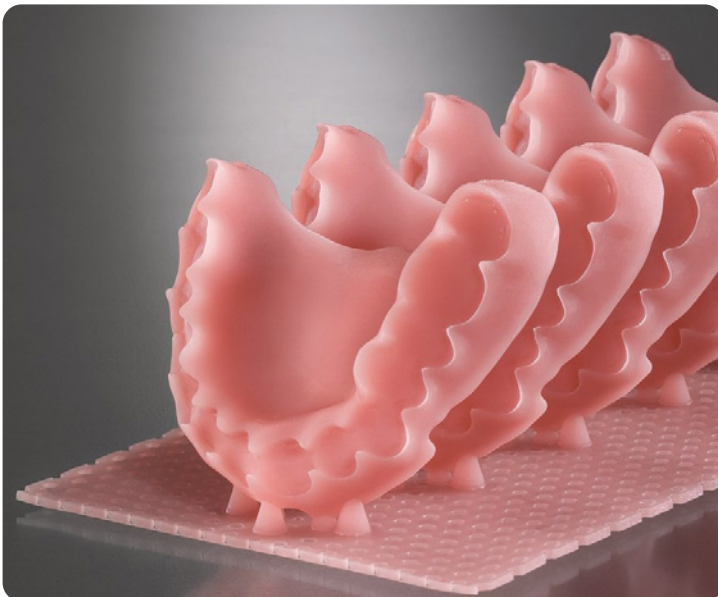
Medical Product:
Class II

Item No.	Product	Unit	510(k)
02133	Freeprint® denture pink-transparent	500 g	K200461
02171	Freeprint® denture pink-transparent	1.000 g	K200461
02971	Freeprint® denture pink	1.000 g	K200461

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/mm ³
Solubility	DIN EN ISO 20795-1 ¹⁾	< 1.6 µg/mm ³
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



3D Freeprint® Material

denture impact

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

**Colors:**

pink-transparent, pink,
dark reddish pink

**Wavelength:**

385 nm

**Medical Product:**

Class II

Item No.	Product	Unit	510(k)
04599	Freeprint® denture impact pink-transparent	1.000 g	K200461
04598	Freeprint® denture impact pink	1.000 g	K200461
04732	Freeprint® denture impact dark reddish pink	1.000 g	K200461

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 II

Item No.	Product	Unit	510(k)
04701	Freeprint® denture flex pink-transparent	1.000 g	K252430
04702	Freeprint® denture flex clear	1.000 g	K252430

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



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 II

Item No.	Product	Unit	510(k)
04365 / 04364	Freeprint® crown A1	500 g / 1.000 g	K222877
04367 / 04366	Freeprint® crown A2	500 g / 1.000 g	K222877
04369 / 04368	Freeprint® crown A3	500 g / 1.000 g	K222877
04749 / 04751	Freeprint® crown A3.5	500 g / 1.000 g	K222877
04371 / 04370	Freeprint® crown B1	500 g / 1.000 g	K222877
04373 / 04372	Freeprint® crown B3	500 g / 1.000 g	K222877
04377 / 04376	Freeprint® crown C2	500 g / 1.000 g	K222877
04379 / 04378	Freeprint® crown D3	500 g / 1.000 g	K222877
04375 / 04374	Freeprint® crown BL	500 g / 1.000 g	K222877

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



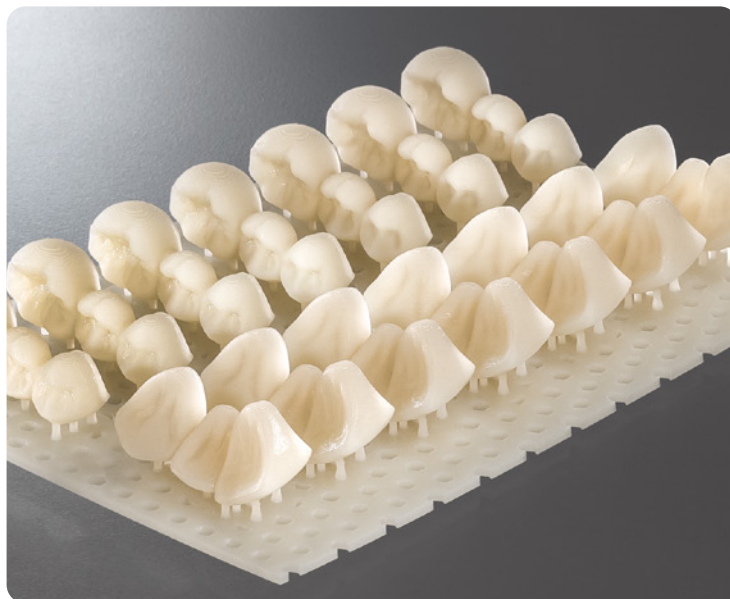
Medical Product:
Class II

Item No.	Product	Unit	510(k)
02014 / 02120	Freeprint® temp A1	500 g / 1.000 g	K200273
02108 / 02130	Freeprint® temp A2	500 g / 1.000 g	K200273
02119 / 02131	Freeprint® temp A3	500 g / 1.000 g	K200273

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/mm ³
Solubility	DIN EN ISO 10477 ¹⁾	< 7.5 µg/mm ³
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 I

Item No.	Product	Unit	FDA Listing
04094	Freeprint® tryin A1	1.000 g	D280112
04101	Freeprint® tryin A2	1.000 g	D280112
04105	Freeprint® tryin A3	1.000 g	D280112

Parameters	Standard
Flexural strength	DIN EN ISO 178 ¹⁾ > 100 MPa
Flexural modulus	DIN EN ISO 178 ¹⁾ > 2200 MPa
Hardness	– > 85 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



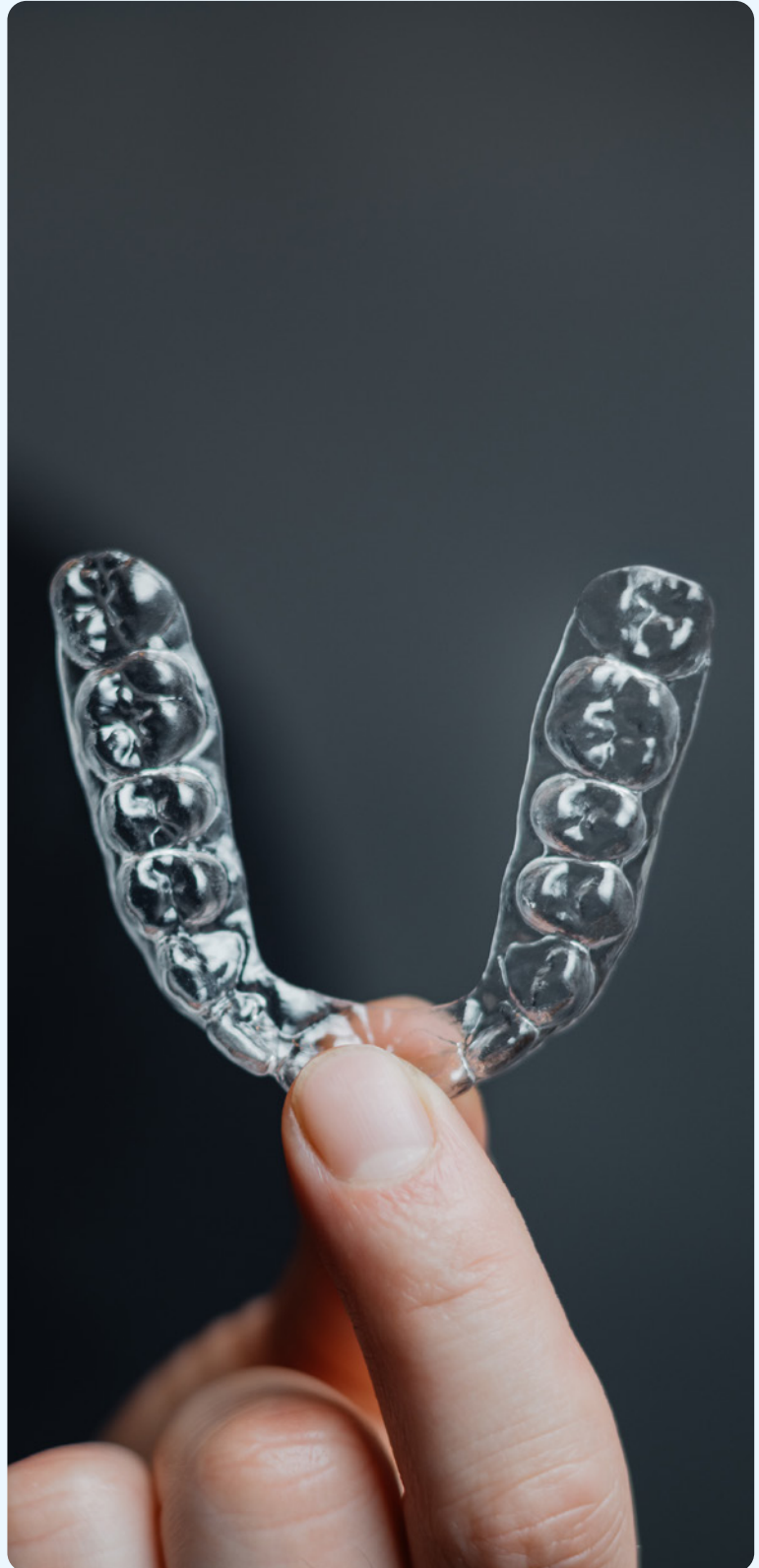


detax

Materials that matter

3D Freeprint® Material

retainer/splint/surgical guide



3D Med Material

dx retainer

Light curing formulation for direct printing of retainers.

- Outstanding biocompatibility
- Optimal balance of strength & flexibility
- Odorless and tasteless
- No discoloration

 **Color:**
clear-transparent

 **Wavelength:**
385 nm

 **Medical Product:**
Class I

Item No.	Product	Unit	FDA Listing
04755	dx retainer	1000 g	D345506
04754	dx retainer	5 kg	D345506

Parameters	Standard	
Flexural strength	DIN EN ISO 20795-2 ¹⁾	> 40 MPa
Flexural modulus	DIN EN ISO 20795-2 ¹⁾	> 1000 MPa
Hardness	-	> 75 Shore D
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 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



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 II

Item No.	Product	Unit	510(k)
04442	Freeprint® splintmaster taff	1.000 g	K232448
04441	Freeprint® splintmaster flex	1.000 g	K232448

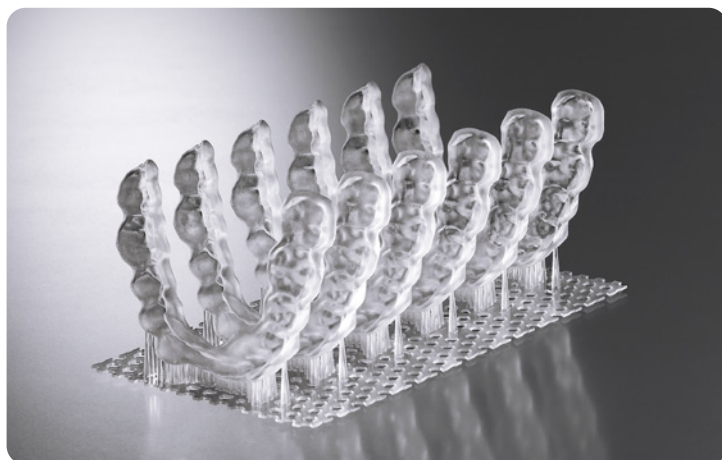
Parameters	Standard	taff / flex
Tensile strength	DIN EN ISO 527-1 ¹⁾	> 40 MPa / > 25 MPa
Tensile elongation	DIN EN ISO 527-1 ¹⁾	> 20 % / > 50 %
Tear propagation resistance	DIN EN ISO 34-1 ²⁾	> 140 N/mm / > 110 N/mm
Hardness	–	> 75 Shore D / > 65 Shore D
Water absorption	DIN EN ISO 20795-2 ³⁾	< 32 µg/mm³ / < 32 µg/mm³
Solubility	DIN EN ISO 20795-2 ³⁾	< 5 µg/mm³ / < 5 µg/mm³
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



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 within the colors.

detax

Materials that matter

3D Freeprint® Material

splint 2.0

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



Color:
clear-transparent



Wavelength:
385 nm



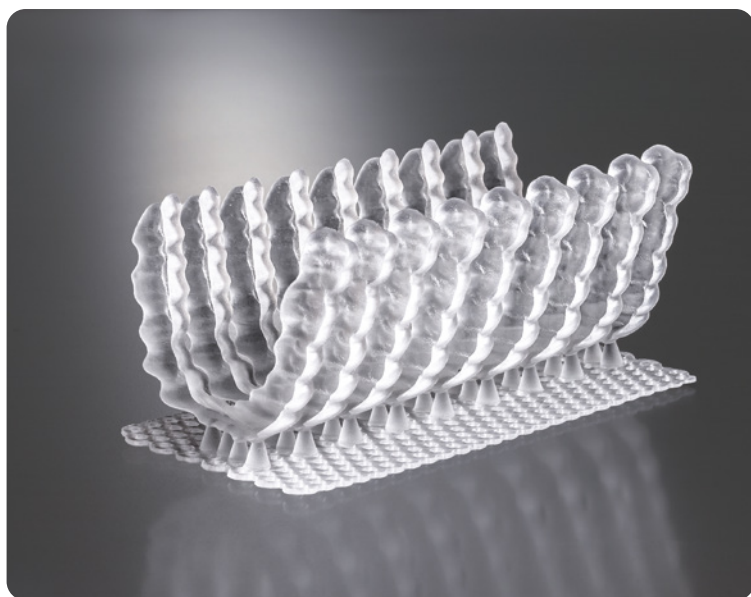
Medical Product:
Class I

Item No.	Product	Unit	FDA Listing
02076	Freeprint® splint 2.0	1.000 g	D280112

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/mm ³
Solubility	DIN EN ISO 20795-2 ¹⁾	< 5 µg/mm ³
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



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 nm


Medical Product:
Class I

Item No.	Product	Unit	FDA Listing
04095	Freeprint® ortho	1.000 g	D280112

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/mm³
Solubility	DIN EN ISO 20795-2 ¹⁾	< 5 µg/mm³
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














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**

Item No.	Product	Unit
02850 / 04015	Freeprint® model 2.0 caramel	1.000 g / 5kg
02099 / 04107	Freeprint® model 2.0 light grey	1.000 g / 5kg
02177 / 04106	Freeprint® model 2.0 grey	1.000 g / 5kg
02128 / 04117	Freeprint® model 2.0 sand	1.000 g / 5kg
02148 / 04118	Freeprint® model 2.0 white*	1.000 g / 5kg

* 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**

Item No.	Product	Unit
04440 / 02585	Freeprint® model pro caramel	1.000 g / 5 kg
04438 / 02574	Freeprint® model pro grey	1.000 g / 5 kg
02546 / 02558	Freeprint® model pro light grey	1.000 g / 5 kg
04439 / 02579	Freeprint® model pro sand	1.000 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

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 Tec Material

dx iso model pro

Light-curing formulation for 3D printing of self-isolating working models.

- Excellent release properties against (meth)acrylate-based polymers
- Ready to use – no additional release agents required
- Low viscosity for easy and fast cleaning



Color:
stone



Wavelength:
380 – 405 nm



Technical Product

REF	Product	Unit
04758	dx iso model pro stone	1000 g
04759	dx iso model pro stone	5 kg
04705	dx iso model pro stone	200 kg

Parameters	Standard	
Flexural strength	DIN EN ISO 178 ¹⁾	> 45 MPa
Flexural modulus	DIN EN ISO 178 ¹⁾	> 1300 MPa
Hardness	–	> 75 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**

Item No.	Product	Unit
02332 / 04322	Freeprint® model T 385	1.000 g / 5kg

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)



3D Freeprint® Material

gingiva

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

 **Color:**
gingiva

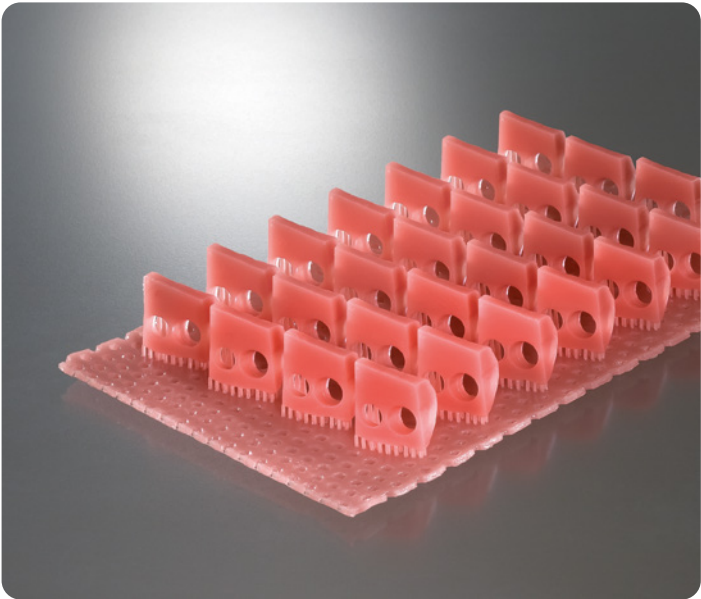
 **Wavelength:**
380 – 405 nm

 **Technical
Product**

Item No.	Product	Unit
02820	Freeprint® gingiva	500 g
02843	Freeprint® gingiva	1.000 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)



The background is an abstract composition of flowing, organic shapes in shades of yellow, gold, and teal. The colors blend into each other, creating a sense of movement and depth. The word "detax" is centered in the middle of the image.

detax

Materials that matter

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

Item No.	Product	Unit	FDA Listing
02505	Freeprint® tray 2.0	1.000 g	A788436
04624	Freeprint® tray 2.0	5 kg	A788436

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

Item No.	Product	Unit	FDA Listing
04249	Freeprint® ibt	1.000 g	A788436

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

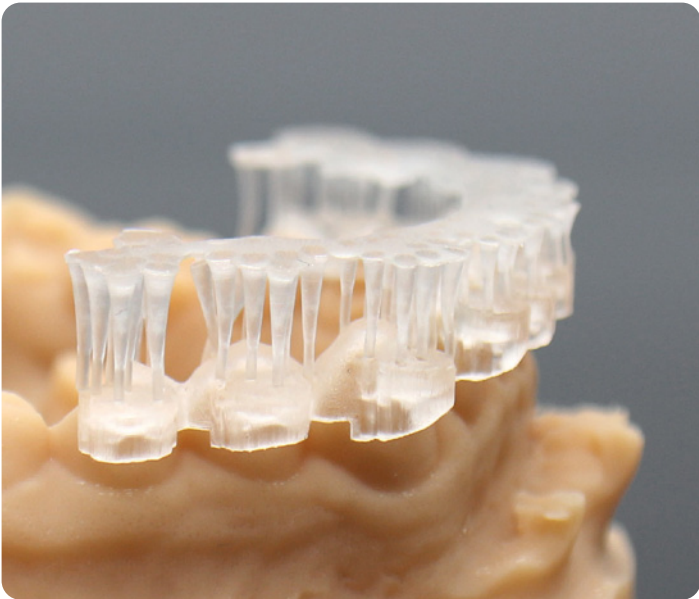










3D Freeprint® Material

cast 2.0

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



Color:
red-transparent



Wavelength:
380 – 405 nm



**Technical
Product**

Item No.	Product	Unit
02548	Freeprint® cast 2.0	500 g
02632	Freeprint® cast 2.0	1.000 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)



dx validation printer matrix US (385 nm)

	denture/C&B					retainer/splint/surgical guide					model					tray/lit/cast				
																				
ASIGA																				
Max	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Max 2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Ultra	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Pico2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
PRO2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
PRO 4K	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
rapidshape																				
ONE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Pro20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Pro30	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
D10/D20 Series	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
D30/D40 Series	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
D50+ Series	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
D70/D90 Series					●	●									●				●	
D100 Series					●	●									●					
straumann																				
P-Series	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Qualification	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated	● validated
	Date: 04/2026																			

dx validation printer matrix US (385 nm)

[illegible]

dx validation printer matrix US (405 nm)

	denture/C&B					retainer/splint/surgical guide					model					tray/lit/cast				
formlabs																				
Form 4B	●	●	●	●	●	●	●	●			●	●								
RAYSHAPE																				
Edge E2	●	●	●	●	●	●	●	●												
Edge Mini	●	●	●	●	●	●	●	●												
MICROLAY																				
Evo Pro											●	●								●
Aldite																				
CPD-100	●	●	●	●	●	●	●	●												
phrozen																				
Sonic 4K 2022		●														●				●
SHINING 3D																				
Accu-Fab L4D		●	●	●	●	●	●	●								●				●
AccuFab CEL		●	●	●	●	●	●	●								●				●
Accu-Fab D1s		●														●				●
3DTEC																				
Mecatroncore																				
Qualification	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	● validated ● in process																			
	Date: 04/2026																			

dx validation curing matrix US

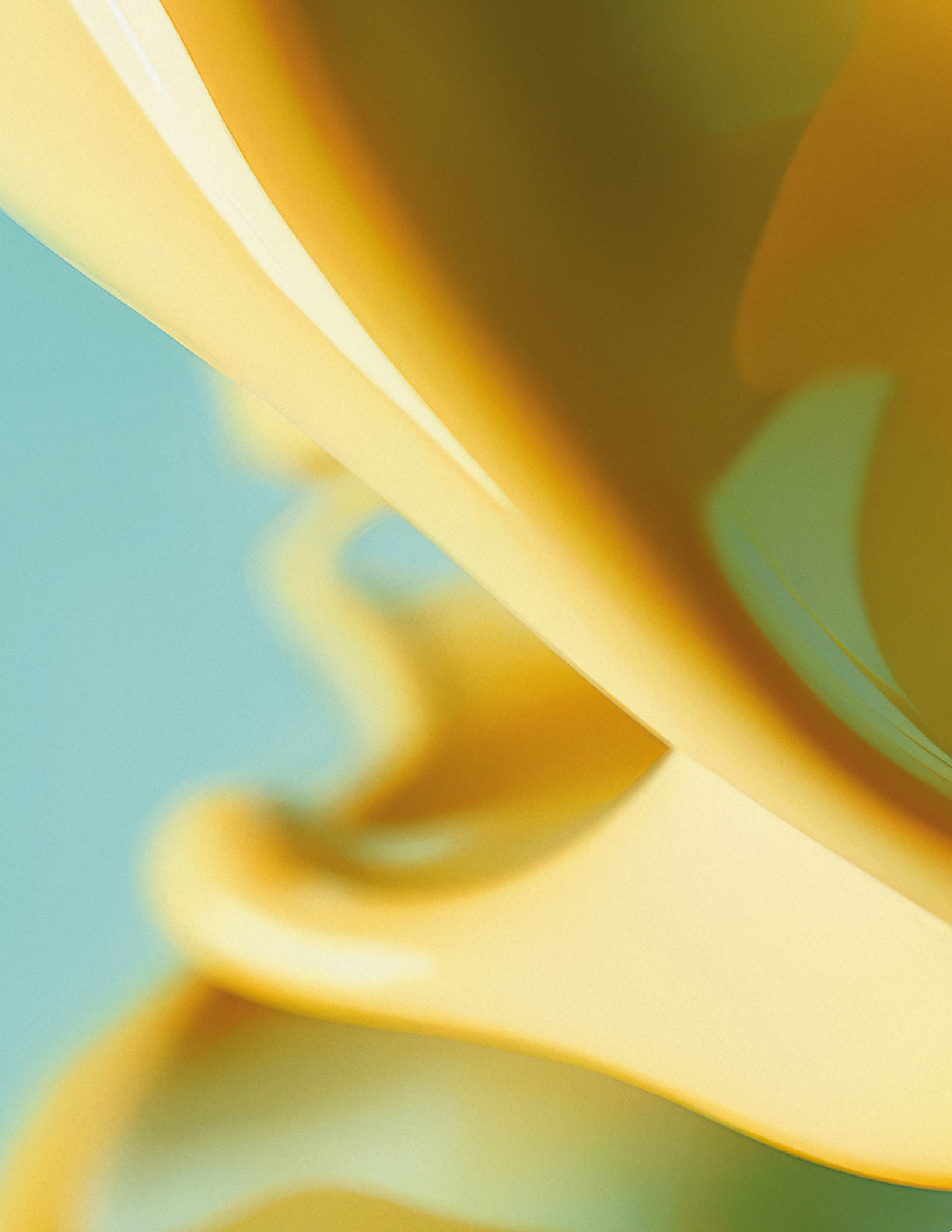
	denture/C&B					retainer/splint/surgical guide					model					tray/lit/cast				
MNK-Optik																				
Ortoflash G71 N2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
NK Flash 250/500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
NK Flash 150	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
ASIGA																				
Cure	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
rapidshape																				
Cure RS Cure Pro Cure	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
RS Cure XL	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
streuemann																				
P Cure	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
dental farm																				
Photopol	●				●	●				●						●			●	
Gildewell																				
ILCD		●	●	●													●			
LuxCreo																				
ILCP		●	●	●	●	●	●	●												
Qualification	● validated ● in process																			
	Date: 04/2026																			

dx validation curing matrix US

	denture/C&B					retainer/splint/surgical guide					model					tray/lst/cast				
	denture	denture Impact	denture flex	crown	temp	tryn	in-retainer	optomaxer bar	optomaxer flex	splint 2.0	ortho	model 2.0	model pro	dx model basic	dx model	gingiva	tray 2.0	tray	cast 2.0	
 MTC																				
BB-Cure												●								●
BB-Cure N											400 nm									●
 phrozen																				
Phrozen Cure																				
ivoclar																				
PrograPrint Cure																				
formlabs 																				
Form Cure (2nd Generation)	●	●	●	●	●	●	●	●	●			●								●
Form Cure																				
 HexCure																				
PCU Pro	●	●	●	●	●	●	●	●	●											
PCU 3.0	●	●	●	●	●	●	●	●	●											
 Crown																				
PCULLED N2		●	●	●	●	●		●												
SHINING 3D DENTAL																				
ResCure												●								●
Qualification	● validated	● in process																		
Date: 05/2026																				

dx validation curing matrix US

	denture/C&B						retainer/splint/surgical guide						model						tray/lit/cast			
																						
 BRUSA LABOR PASTA																						
MedicalCWOOne												●				●			●			
RAYSHAPE																						
ShapeCure D	●	●	●	●	●		●				400 nm	●				●			●			
 Dentsply Sirona																						
Digital Cure Curing Unit	●	●	●	●	●	●		●														
Qualification	● validated	● validated	● validated	● validated	● validated	● validated		● validated														
	● validated ● in process																					
	Date: 06/2026																					

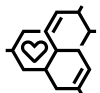






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