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 prothesis	Removable denture bases, total prothesis	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	A2
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 tech-nology	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
	HC	TEC resin	TEC resin	TEC resin	TEC resin	TEC resin

retainer/splint/ surgical guide

Material type						
Application		Direct printing of retainers	Functional splints, retainers, mouth-guards, nightgu-ards, 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**	–	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

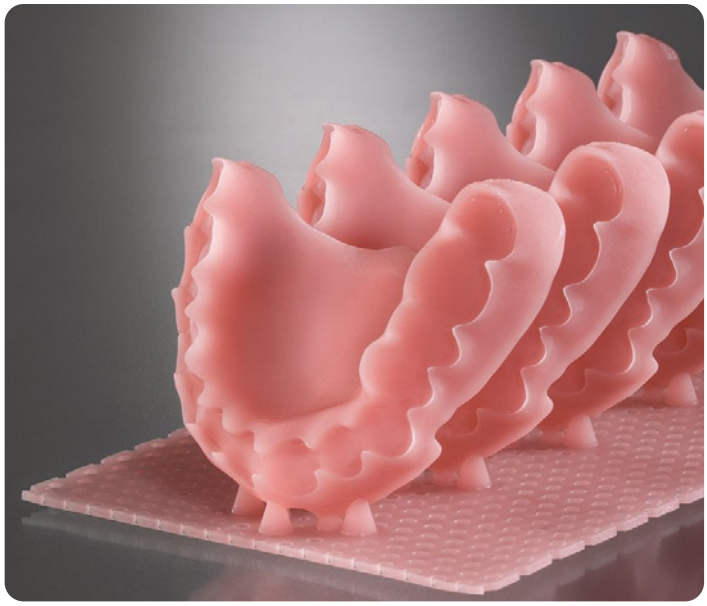
Medical Product: Class II

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/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 510(k) 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, 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/mm³
Solubility	DIN EN ISO 20795-1 [1]	< 1.6 µg/mm³
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

36 months · TPO free · Premium MMA free THF-MA free Formula · detax MDR CERTIFIED · CE 0483 · FDA 510(k) CLEARED · HEALTH CANADA CLASS II LICENSE

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/mm³
Solubility	DIN EN ISO 20795-1 [2]	< 1.6 µg/mm³
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

36 months · TPO free · Premium MMA free THF-MA free Formula · detax MDR CERTIFIED · CE 0483 · FDA 510(k) CLEARED · HEALTH CANADA CLASS II LICENSE

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
04751 / 04749	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/mm³
Solubility	DIN EN ISO 10477 [1]	< 7.5 µg/mm³
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

24 months · detax MDR CERTIFIED · FDA 510(k) CLEARED · HEALTH CANADA CLASS III LICENSE · Premium MMA free THF-MA free Formula · CE 0483

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/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

36 months

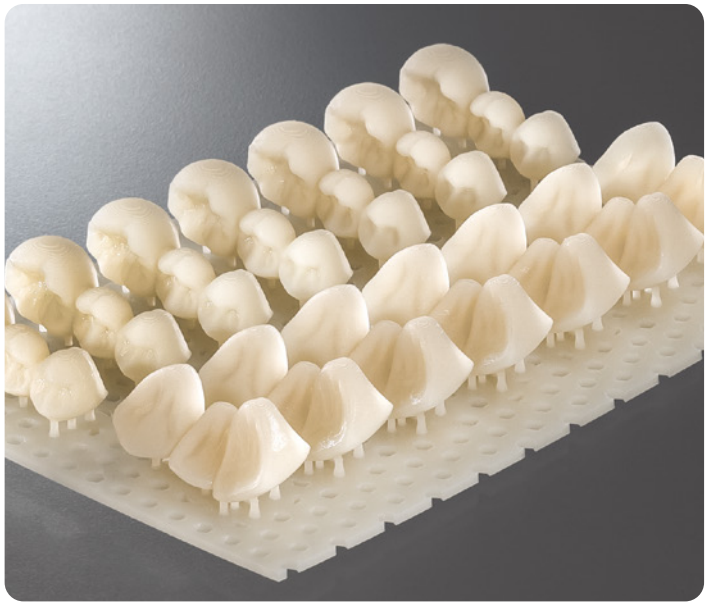
detax MDR CERTIFIED

FDA 510(k) CLEARED

HEALTH CANADA CLASS II LICENSE

Premium MMA free THF-MA free Formula

CE 0483



3D **Freeprint®** Material

tryin

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

Color: A2

Wavelength: 385 nm

Medical Product: Class I

Item No.	Product	Unit	FDA Listing
04101	Freeprint® tryin A2	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

36 months · detax MDR CERTIFIED · FDA LISTING · HEALTH CANADA CLASS I LICENSE · Premium MMA free THF-MA free Formula · CE 0483


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

FDA LISTING

TPO free

Premium MMA free THF-MA free Formula

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

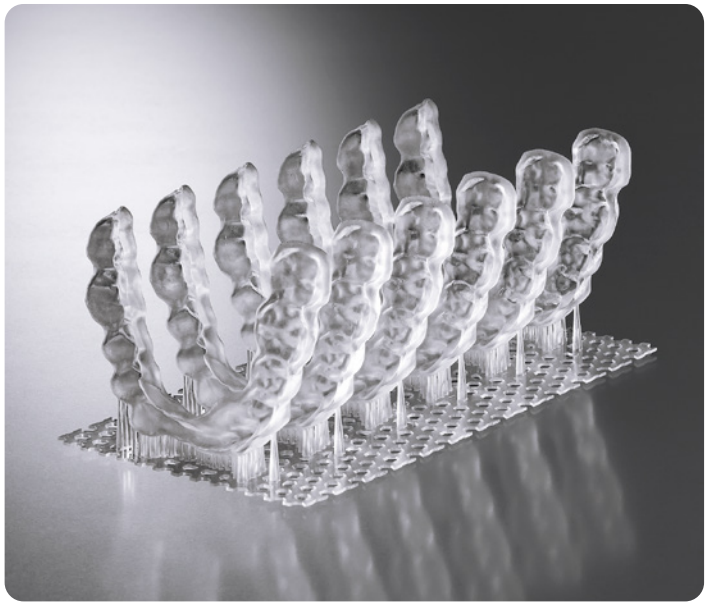
Medical Product: Class II

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

36 months · detax MDR CERTIFIED · FDA 510(K) CLEARED · HEALTH CANADA CLASS II LICENSE · TPO free · Premium MMA free THF-MA free Formula · CE 0483



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/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

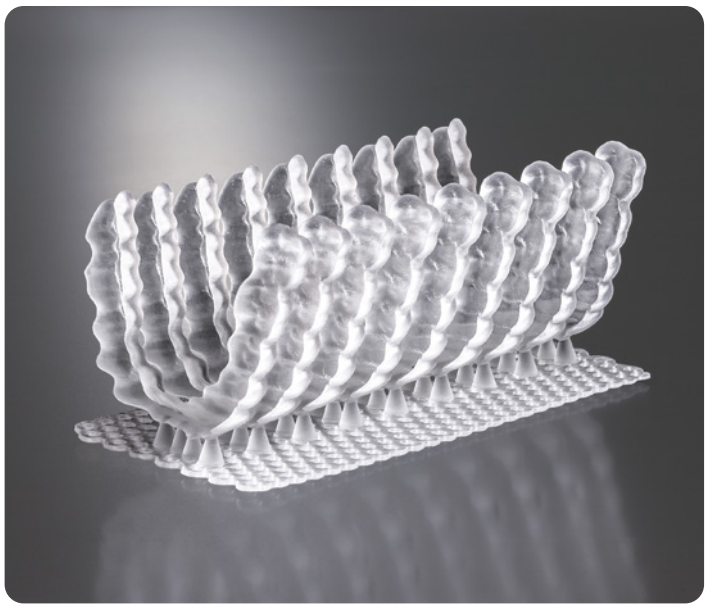
detax MDR CERTIFIED

FDA LISTING

HEALTH CANADA CLASS II LICENSE

Premium MMA free THF-MA free Formula

CE 0483



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

36 months · detax MDR CERTIFIED · FDA LISTING · HEALTH CANADA CLASS II LICENSE · eco · Premium MMA free Formula · CE 0483


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

Item No.	Product	Unit
02850	Freeprint® model 2.0 caramel	1.000 g
02099	Freeprint® model 2.0 light grey	1.000 g
02177	Freeprint® model 2.0 grey	1.000 g
02128	Freeprint® model 2.0 sand	1.000 g
02148	Freeprint® model 2.0 white*	1.000 g

* 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)

36 months · eco · TEC · Premium MMA free THF-MA free Formula

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

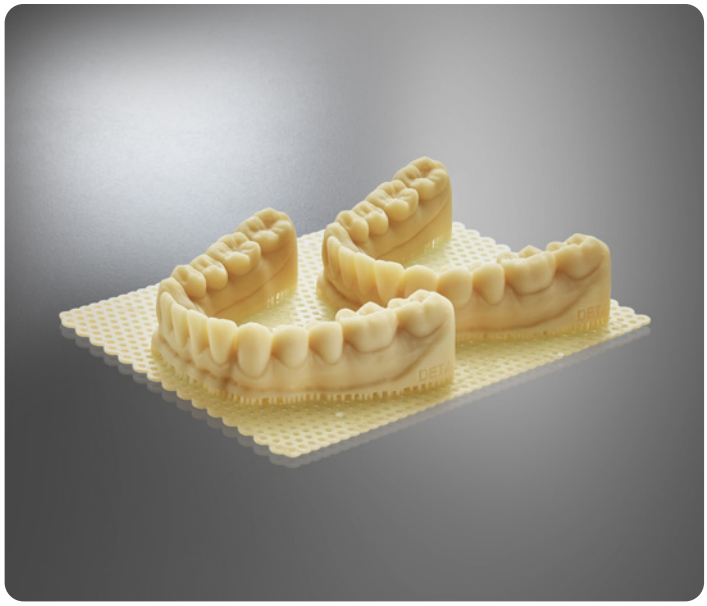
Technical Product

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)

36 months · TEC · TPO free · Premium MMA free THF-MA free Formula · BPA free



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

TEC eco

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 fl exural 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	Freeprint® model T 385	1.000 g

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

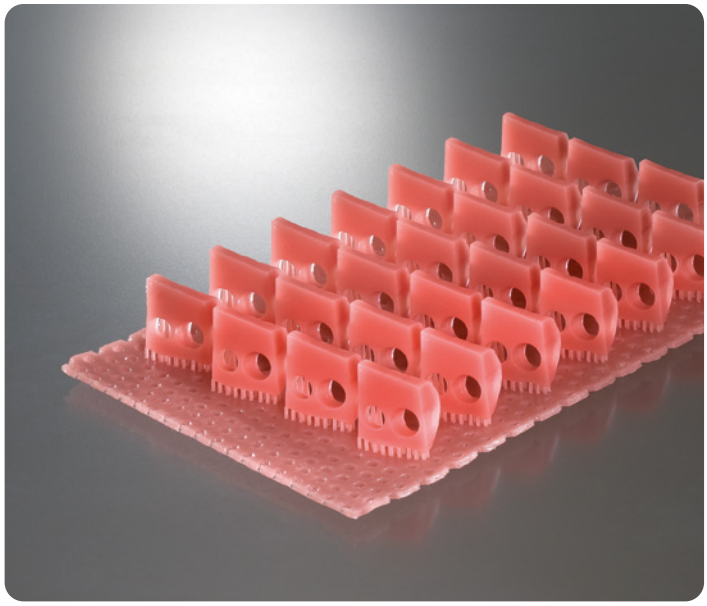
Technical Product

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

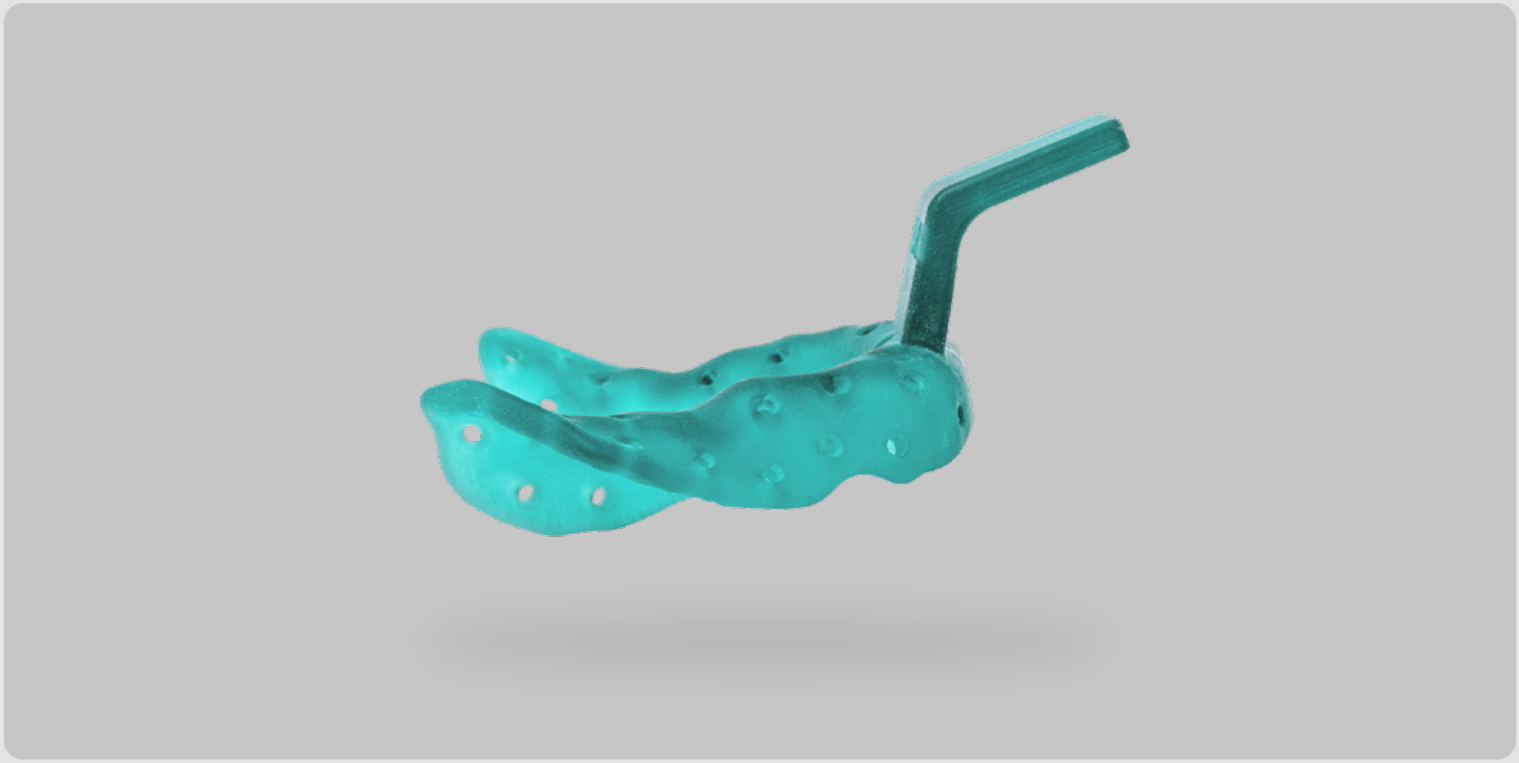
[1] Resins: Determination of tensile strength (in keeping with the standard at room temperature)

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

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

36 months · detax MDR CERTIFIED · FDA LISTING · HEALTH CANADA CLASS I LICENSE · Premium MMA free THF-MA free Formula · CE

3D **Freeprint®** Material

ibt

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

Color: transparent

Wavelength: 385 nm

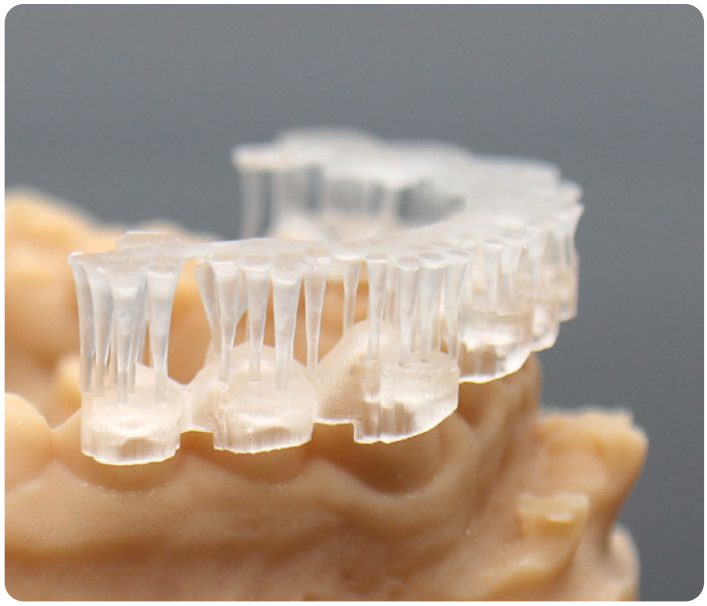
Medical Product: Class I

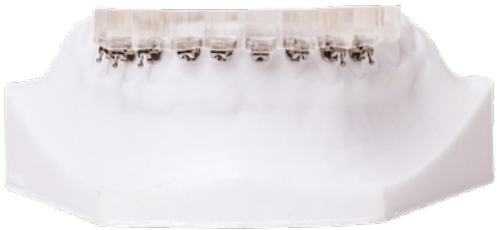
Item No.	Product	Unit	FDA Listing
04249	Freeprint® ibt	1.000 g	A788436

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)
[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 LISTING · HEALTH CANADA CLASS I LICENSE · Premium MMA free THF-MA free Formula · BPA free · CE





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)

36 months

TEC

Premium
MMA free
THF-MA free
Formula

dx validation printer matrix US (385 nm)

ASIGA																			
Max	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Max 2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
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: 04/2026

dx validation printer matrix US (385 nm)

ivoclar																		
PrograPrint PR5				●	●	●		●	●	●	●					●		●	●
MICROLAY																		
Versus	●	◐	◐	●	●	●		◐	◐	●	●	●			●	●	●	●	●	●
Glidewell																		
Fastprint.io				●														◐	
LuxCreo																		
iLux Pro Dental		◐	◐	◐				◐											
MIICRAFT																		
Prime/Hyper Series	●				●					●	●	●			●	●	●	●	●	●
Ultra Series	●				●					●	●						●	●	●	
Alpha	●				●			●	●	●	●	●	●		●	●	●	●	●	●
HEYGEARS																				
A2D	●	●	●	◐	●			●	●											
A2D HD		●	●	●				●	◐											
A3D		◐	◐	◐				●	◐											
Chairside		◐	◐	◐	◐	◐		◐	◐											
W2P																				
SolFlex	●	●		●	●	●				●	●	●			●	●	●	●	●	●

Qualification ● validated ◐ in process

Date: 04/2026

dx validation printer matrix US (405 nm)

formlabs																		
Form 4B		●	●	●	●	●		●	●				◐	◐					
RAYSHAPE																		
Edge E2		●	◐	●	●			◐	◐										
Edge Mini		●		●	◐														
MICROLAY																		
Eve Pro												●			●	●			●
Aidite																		
CPD-100	●	◐		●	●			◐	◐										
phrozen																		
Sonic 4K		●									405 nm ●	●	●		●	●	●		●
SHINING 3D DENTAL																		
Accu-Fab L4D		●		●	●						405 nm ●	●	●		●	●			●
AccuFab CEL		●		●	◐	◐					405 nm ◐		◐						
Accu-Fab D1s		◐										●			●	●			●
3DTC																			
Meccatronicore								◐			405 nm ◐						◐		◐

Qualification ● validated ◐ in process

Date: 04/2026

dx validation printer matrix US

NK-Optik																		
Otoflash G171 N2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NK Flash 250/500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NK Flash 150	◐	◐	◐	◐	◐	◐		◐	◐	◐	◐	◐	◐		◐	◐	◐	◐	◐
ASIGA																		
Asiga Cure		●	●	●	●	●	◐	●	◐		●	◐	◐		◐	◐			◐
rapidshape																		
Cure, RSCure, ProCure	●	●	●	●	●	●	◐	●	●		●	●	●		●	●	●	●	●
RS Cure XL	●	●	●	●	●	●	◐	●	●		●	●	●		●	●	●	●	●
straumann																		
P Cure	●	●	●	●	●	●	◐	●	●		●	●	●		●	●	●	●	●
dentalfarm																		
Photopol	●				●	●				●		●			●	●	●	●	●
Glidewell																		
ILCD				●													◐	
LuxCreo																		
ILCP		◐	◐	◐				◐										

Qualification ● validated ◐ in process

Date: 04/2026

dx validation curing matrix US

mTC																		
BB-Cure											●			●	●			●
BB-Cure N								◐			405 nm ◐					◐		◐
phrozen																		
Phrozen Cure											●			●	●			●
ivoclar																		
PrograPrint Cure				●	●	●		●	●	●	●				●	●		●
formlabs																		
Form Cure (2nd Generation)		◐	◐	◐	◐	◐		◐	◐									
Form Cure											●				●	●		●
HeyGears																		
PCU Pro		●	●	◐				◐										
PCU 3.0	●	●	◐	●	●			◐										
Dreve																		
PCU LED N2		●	●	●				●	◐									
SHINING 3D DENTAL																		
FabCure											●			●	●			●

Qualification ● validated ◐ in process

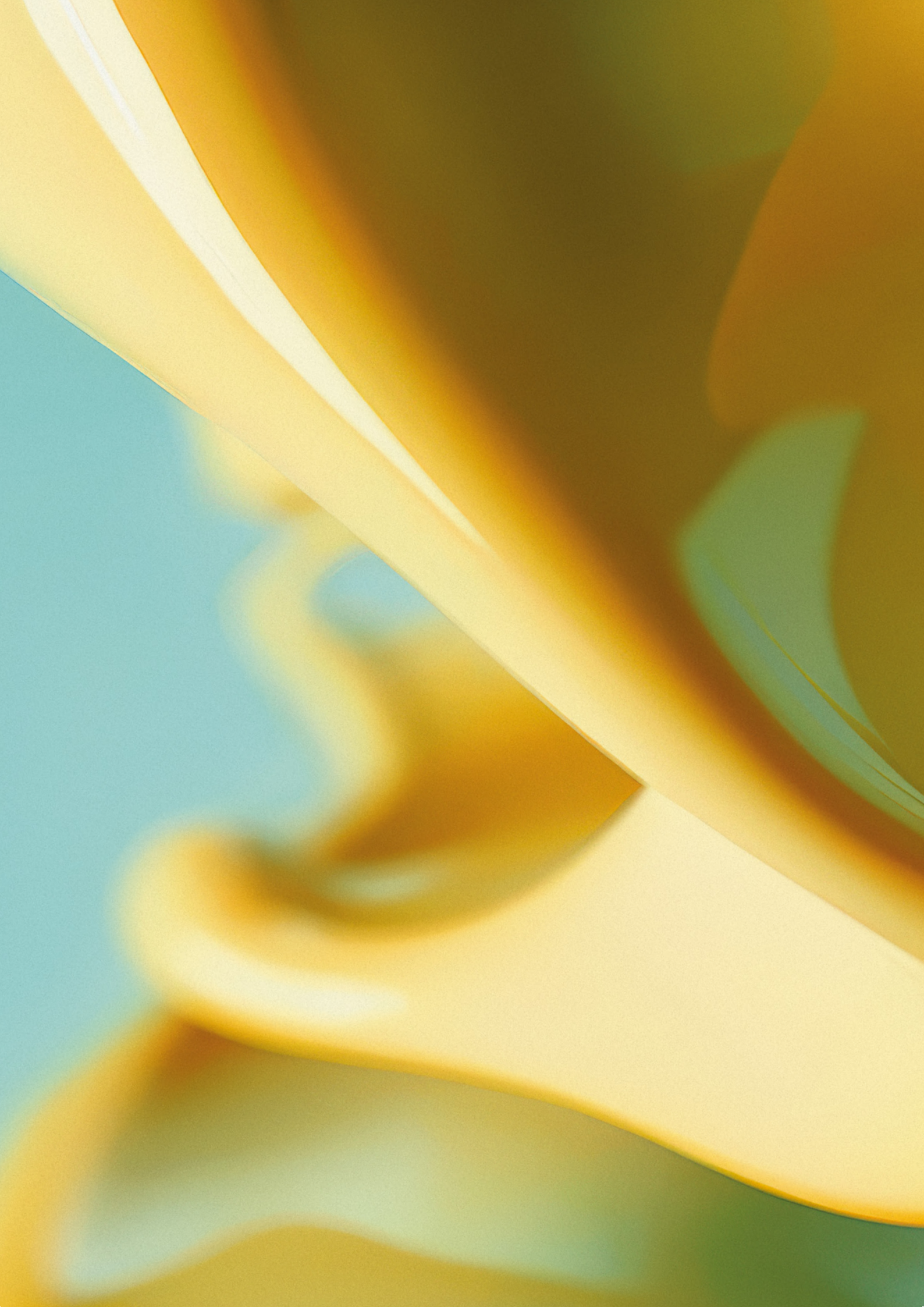
Date: 04/2026

dx validation curing matrix US

PRUSA RESEARCH																			
MedicalCW One												●			●	●			●
RAYSHAPE																			
ShapeCure D		◐	◐	◐	◐			◐			405 nm ◐	●			●	●			●
Dentsply Sirona																			
Digital Cure Large Capacity Unit		◐	◐	◐	◐	◐													
Digital Cure Curing Unit		◐	◐	◐	◐	◐													

Qualification ● validated ◐ in process

Date: 04/2026



detax

Follow us on
LinkedIn

Connect with us

detax materials, Inc.

1901 Avenue of the Stars Ste 700 • Los Angeles, CA 90067
C +1 (949) 560 7017 • **E** Veronika.Perrone@detax.com • detax.com

04/2026