



# Thermoforming

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Sheets, devices & accessories



Our al dente thermoforming sheets are available in the sizes Ø120mm, Ø125mm and 125x 125 mm, as well as in all common thicknesses.

We therefore offer the right solution for almost all applications, manufactured from high-quality materials and made in Germany.

## COMBILOC PLUS

Hard-soft double/two-layer sheet made of PETG (hard top side) and EVA (soft underside), highly transparent, with insulating sheet for easier post-processing. The hard side can be built up with acrylate. Pleasant wearing comfort due to soft inside. Therefore particularly suitable for Mini-plast and bite splints.

Transparency ● ● ● ● ○  
Elasticity ● ● ○ ○ ○  
Toughness ● ● ● ○ ○

		Ø 120 mm	Ø 125 mm
2.00 mm	10 pcs.	REF 3020120010	10 pcs. REF 3020125010
	50 pcs.	REF 3020120050	50 pcs. REF 3020125050
3.00 mm	10 pcs.	REF 3030120010	10 pcs. REF 3030125010
	50 pcs.	REF 3030120050	50 pcs. REF 3030125050
4.00 mm	10 pcs.	REF 3040120010	10 pcs. REF 3040125010
	50 pcs.	REF 3040120050	50 pcs. REF 3040125050

# FOLIFLEX

Soft-elastic ("rubber-like") thermoforming sheets made of ethylene vinyl acetate (EVA) with high resilience. Does not bond with acrylate, but can be laminated and is well suited for the production of e.g. sports mouthguards, duplicating moulds, bracket transfer splints, positioners and other soft splints.

Transparency	●	●	●	●	○
Elasticity	●	●	●	●	○
Toughness	●	●	○	○	○

		Ø 120 mm	Ø 125 mm
	↓ ↑		
1.00 mm		20 pcs. REF 1010120020 100 pcs. REF 1010120100	20 pcs. REF 1010125020 100 pcs. REF 1010125100
1.50 mm		10 pcs. REF 1015120010 50 pcs. REF 1015120050	10 pcs. REF 1015125010 50 pcs. REF 1015125050
2.00 mm		10 pcs. REF 1020120010 50 pcs. REF 1020120050	10 pcs. REF 1020125010 50 pcs. REF 1020125050
3.00 mm		10 pcs. REF 1030120010 50 pcs. REF 1030120050	10 pcs. REF 1030125010 50 pcs. REF 1030125050
4.00 mm		10 pcs. REF 1040120010 50 pcs. REF 1040120050	10 pcs. REF 1040125010 50 pcs. REF 1040125050
5.00 mm		10 pcs. REF 1050120010 50 pcs. REF 1050120050	10 pcs. REF 1050125010 50 pcs. REF 1050125050

# FOLIFLEX BLEACH

Elastic thermoforming sheets made of ethylene-vinyl copolymer with a slightly higher final hardness than FOLIFLEX. Particularly suitable for the fabrication of bleaching and medication trays as well as fluoridation trays. Does not bond with acrylate

Transparency	●	●	●	●	○
Elasticity	●	●	●	○	○
Toughness	●	●	⊙	○	○

		Ø 120 mm	Ø 125 mm
	↓ ↑		
1.00 mm		20 pcs. REF1110120020 100 pcs. REF1110120100	20 pcs. REF1110125020 100 pcs. REF1110125100

# FOLIFLEX PRO

Hard-elastic thermoforming sheets made of ethylene vinyl acetate, transparent, with high resilience and a final hardness of 95 Shore A. Laminable and ideally suited for bite splints, positioners and crunch splints.

Transparency	●	●	○	○	○
Elasticity	●	●	●	○	○
Toughness	●	●	⊙	○	○


		Ø 120 mm	Ø 125 mm
	↓ ↑		
3.00 mm		10 pcs. REF 1230120010 50 pcs. REF 1230120050	10 pcs. REF 1230125010 50 pcs. REF 1230125050

Soon also available in thicknesses 1.50, 2.50 and 4.00.

## FOLIDUR N

Tough-elastic, hard thermoforming sheets made of polyethylene terephthalate glycol (PETG), with high transparency and additional insulating sheet for easier post-processing. Bonds with acrylate. Particularly suitable for bite and occlusal splints, e.g. grinding splints, Michigan splints, mini-plastic splints (Drum), stabilisation splints as well as for correction splints, aligners, retainers or orthodontic appliances.



Transparency	●	●	●	●	●
Elasticity	●	●	○	○	○
Toughness	●	●	●	●	○

	ø 120 mm	Ø 125 mm
0.50 mm	20 pcs. REF 2005120020 100 pcs. REF 2005120100	20 pcs. REF 2005125020 100 pcs. REF 2005125100
0.625 mm	20 pcs. REF 2006120020 100 pcs. REF 2006120100	20 pcs. REF 2006125020 100 pcs. REF 2006125100
0.75 mm	20 pcs. REF 2008120020 100 pcs. REF 2008120100	20 pcs. REF 2008125020 100 pcs. REF 2008125100
1.00 mm	20 pcs. REF 2010120020 100 pcs. REF 2010120100	20 pcs. REF 2010125020 100 pcs. REF 2010125100
1.50 mm	10 pcs. REF 2015120010 50 pcs. REF 2015120050	10 pcs. REF 2015125010 50 pcs. REF 2015125050
2.00 mm	10 pcs. REF 2020120010 50 pcs. REF 2020120050	10 pcs. REF 2020125010 50 pcs. REF 2020125050
3.00 mm	10 pcs. REF 2030120010 50 pcs. REF 2030120050	10 pcs. REF 2030125010 50 pcs. REF 2030125050

## FOLIDUR ALIGN

Tough-elastic, hard thermoforming sheets made of PETG, highly transparent and with additional insulating sheet. Very dimensionally stable and break-resistant, ideally suited for the production of correction splints, clear aligners and retainers.


Transparency	●	●	●	●	●
Elasticity	●	●	○	○	○
Toughness	●	●	●	●	○

		Ø 120 mm	Ø 125 mm
0.625 mm		20 pcs. REF 2106120020 100 pcs. REF 2106120100	20 pcs. REF 2106125020 100 pcs. REF 2106125100
0.75 mm		20 pcs. REF 2108120020 100 pcs. REF 2108120100	20 pcs. REF 2108125020 100 pcs. REF 2108125100
1.00 mm		20 pcs. REF 2110120020 100 pcs. REF 2110120100	20 pcs. REF 2110125020 100 pcs. REF 2110125100

## FOLIEN

Soft-elastic thermoforming sheets made of polyethylene, burnable without leaving any residue and therefore ideal for the production of moulded parts and as placeholders or transfer splints.

Transparency	●	●	○	○	○
Elasticity	●	●	●	●	○
Toughness	●	○	○	○	○

	ø 120 mm	Ø 125 mm
0.45 mm	20 pcs. REF 4005120020 100 pcs. REF 4005120100	20 pcs. REF 4005125020 100 pcs. REF 4005125100
0.65 mm	20 pcs. REF 4006120020 100 pcs. REF 4006120100	20 pcs. REF 2005125100 100 pcs. REF 2005125100
0.80 mm	20 pcs. REF 4008120020 100 pcs. REF 4008120100	20 pcs. REF 2005125100 100 pcs. REF 2005125100
1.00 mm	20 pcs. REF 4010120020 100 pcs. REF 4010120100	20 pcs. REF 2005125100 100 pcs. REF 2005125100

# Application recommendation

	COMBILOC PLUS	FOLIFLEX	FOLIFLEX BLEACH	FOLIFLEX PRO	FOLIDUR N	FOLIDUR ALIGN	FOLIEN
Aligner	✓	✓			✓		
Bite splints	✓			✓	✓		
Bleaching trays	✓	✓	✓				
Bracket transfer / -transfer		✓					✓
Clear Aligner					✓	✓	
Expansion plates					✓		
Drum splints					✓		
Duplication of models		✓					
Essix Retainer					✓		
Fluoridation trays	✓		✓				
Moulded parts					✓		✓
Cast iron cap					✓		✓
Hawley Retainer					✓		
Crunch splints	✓			✓	✓		
Correction splints	✓				✓	✓	
Matrix for temporary moulds							✓
Drug carrier			✓				
Michigan splints	✓				✓		
Miniplast splints	✓				✓		
Model duplication		✓					
Mouthguard		✓			✓		
Planning templates					✓		
Placeholder		✓					✓
Temporary solutions					✓		
Positioner		✓					
Retainer / Retention splints	✓				✓	✓	
X-ray templates					✓		
Splint therapy	✓			✓	✓		
Protective splints				✓	✓		
Sports mouthguard		✓					
Stabilisation splints		✓		✓	✓		
Radiation protection splints		✓		✓			
Transfer splints		✓					✓

# DunaTronic

## Vacuum thermoformer

REF 581-003-009

The ideal solution for all common applications in the laboratory and practice.

Thanks to the short-wave infrared emitter, there is no preheating time, which means you can start working immediately. A compressed air connection is not required, which makes handling considerably easier.

The quick sheet tensioning system enables the use of sheet thicknesses between 0.1 mm and 5.0 mm. The device is freely programmable via a membrane keypad and provides visual and acoustic time information. The sturdy die-cast aluminium housing guarantees durability and robustness in daily use.



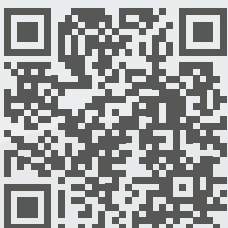
### Our vacuum thermoforming unit DUNATRONIC for all common applications in the laboratory and practice.


- No preheating time due to short-wave infrared radiators
- No compressed air connection necessary
- Quick sheet tensioning for sheet thicknesses from 0.1 mm - 5.0 mm
- Freely programmable via membrane keypad
- Visual and acoustic time information
- Sturdy die-cast aluminium housing
- Foil holder for Ø120mm materials

#### Technical data

Mains connection:	230 V/50 Hz
Power:	850 W
Working vacuum:	-0.8 bar
Weight:	approx. 9 kg
Width:	270 mm
Depth:	320 mm
Height:	260 mm

Supplied complete with sheet test assortment, incl. 2 kg filling granulate.



 Product video

[www.youtube.de@aldente-dental](http://www.youtube.de@aldente-dental)



# DunaForm plus

Pressureforming device

REF 581-003-006



Dunaform Plus is a particularly user-friendly thermoformer thanks to its simple and clear user interface.

Thanks to its short-wave infrared emitter, preheating is no longer necessary and the preset sheet parameters enable efficient working. You can also set your own, freely programmable sheet parameters.

**DUNAFORM PLUS is a powerful pressureformer. Whether in the laboratory or in practice - a device for maximum precision.**

- Menu-driven, user-friendly operation
- Large, clear display
- Sheet parameters permanently stored in the system and 10 freely assignable
- Visual and acoustic time information
- Immediately at operating temperature thanks to the short-wave infrared radiator
- Sturdy die-cast aluminium housing
- Foil holder for Ø120mm + Ø125mm materials

Supplied complete with sheet test assortment, incl. 2 kg filling granulate.

## Technical data

Mains connection:	230 V/50 Hz
Power:	850 W
Working pressure:	6.0 bar
Weight:	approx. 8.5 kg
Width:	350 mm
Depth:	300 mm
Height:	190 mm



Product video

[www.youtube.de@aldente-dental](http://www.youtube.de@aldente-dental)

# ProSplint e3

The turbo for splint production

REF 581-005-010

The ProSplint e3 is an innovative desktop milling machine that revolutionises and automates aligner production. With maximum precision and efficiency, it enables the effortless production of high-quality aligners that require no further finishing.

Thanks to the TrimCAM software supplied, users can customise the aligners. The software offers powerful functions

such as automatic or manual trimline determination and the creation of customised strategy profiles.

This combination of advanced hardware and intelligent software makes the ProSplint e3 the ideal solution for optimised and user-friendly aligner production.



3+1 axes



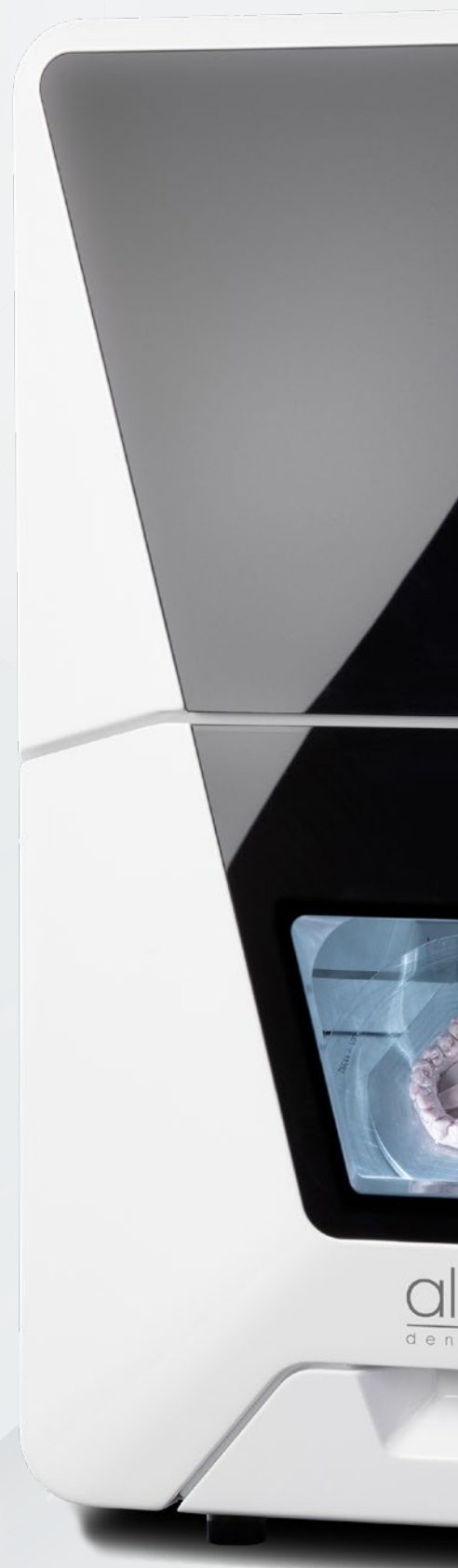
No compressed air



incl. software



60 sec per splint







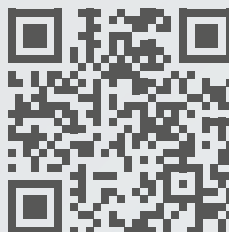
Simple assembly of the cutter



Tool-free insertion of the model

#### Technical data:

Dimensions WxDxH	360 × 370 × 490 mm
Weight	25 kg
Speed	up to 60,000 rpm
Number of axes	3+1
Linear axes	
X-axis:	Rack and pinion drive
Y-/Z-axis:	Trapezoidal thread spindles
Motor resolution	10 µm
max. axial play	0.06 mm
Rotation axis B-axis	Rotation angle: 360°, infinite



Product video

[www.youtube.de@SILADENT](http://www.youtube.de@SILADENT)

## Filling granulate

Lead-free, fine-grained filling granules for embedding and fixing models.

Suitable for all thermoforming machines. Magnetic.

1 kg

REF 581-004-028



## Cover stencil

OK and UK templates in 2 different sizes each.

8 pieces, for covering the filling granulate during thermoforming. This prevents the granules from sticking to the thermoforming sheets.

4x 2 pcs.

REF 581-004-035



## Block-out wax

Can be easily removed with boiling water after use.

110 g

White 581-004-011



## Wax wire transparent

Transparent wax wire for blocking out and covering orthodontic work. Can be scalded off without leaving any residue and does not discolour the model.

250 g

3.5 mm REF 02-2030TR

250 g

4.0 mm REF 02-2040TR



## Foil shears

Suitable for cutting soft sheet materials and hard sheets up to a thickness of approx. 1 mm.

The FoliCut<sup>PRO</sup> (105 mm) is also serrated on one side and ensures easier and more precise cutting.



1 pc.	FoliCut	
	straight	REF 581-004-036
1 pc.	curved	REF 581-004-037

1 pc.	FoliCut <sup>PRO</sup>	
	straight	REF 581-004-046

## Polishing discs

For smoothing and levelling unevenness in thermoforming materials.

10 pcs.	with 1x Mandrell	REF 581-004-042
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## Sanding set

The complete set for grinding splints.

Contains a sanding cap carrier with sanding caps in 2 different grit sizes.

Set	1 sanding cap carrier	Ref 581-004-038
	4 pcs. sanding cap - grain 80	
	4 sanding caps - 150 grit	



### • Sliding cap carrier

2 pcs.	REF 582-002-002
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### • Grinding caps

20 pcs.	10 x grit 80 + 10 x grit 150	REF 581-004-039
20 pcs.	20 x grain 80	REF 581-004-040
20 pcs.	20 x 150 grit	REF 581-004-041



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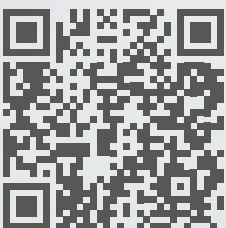
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**Catalogue**

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