

# Program

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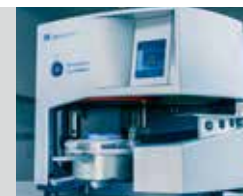
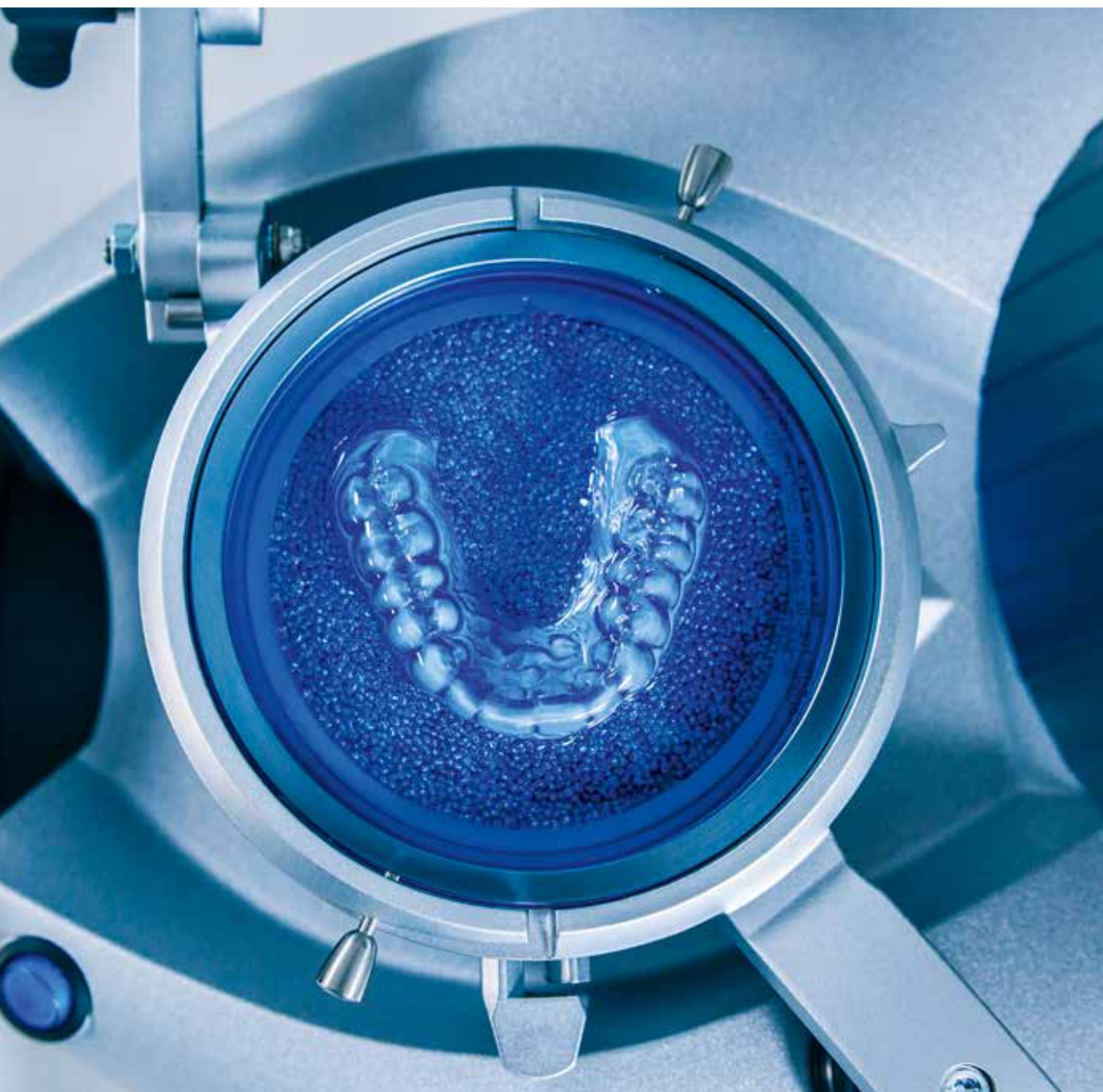
*Please note:*

*All 6-digit numbers in this brochure are order numbers.*

*You will find further package sizes in our price list.*

*Illustrations and specifications as well as technical improvements are subject to change without notice.*

*Further articles that are not listed in this program will be found in our pricelist.*



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units + accessories

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Thermoforming materials  
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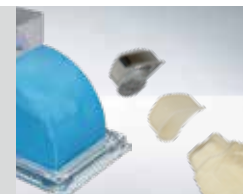
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# Thermoforming units + accessories



## Erkoform-3d motion 188 400

Vacuum forming unit with reserve vacuum and **automated thermoforming process**. The automatic saves the necessary going to the unit in order to move the hot foil from the heating to the model and to thermoform.

- Program foil and insert foil
- Start heating process, place the model in the unit
- Time for other, everything else will be carried by the device
- Thermoforming process and cooling time run automatically.
- No compressed-air supply required - plug and play.
- Touchless **temperature sensor** for accurate determination of the actual temperature (patented) of the thermoforming material regardless of the surroundings (environment).
- No preheating time.
- Sudden vacuum built up before thermoforming process (Pat. 19511064).
- More space for higher models.
- Perpendicular prestretching and adaptation for even foil thicknesses.
- Completely accessible model during the heating process.
- Practical one-hand foil fixation for foil thicknesses of 0 to 5.5 mm.
- Equipped with a medium-wave infrared heating without pre-heating time. The medium-wave heater allows an even, friendly warming of the material also in the deepness. Splints with less tension are the result.

with thermoforming "starter kit": Application brochure, samples of thermoforming materials, filling granules, auxiliaries etc.

### Technical data:

- H 31,5 cm/W 35 cm/D 37 cm • weight 13,9 kg
- operating voltage: ~220/240 (100, 110-120) volt, 50-60 hertz
- wattage: 360 watt • max. vakuu 0,8 bar • noise level < 60 dB(A)



## Erkoform-3d + 188 600

Vacuum forming unit with reserve vacuum, without automated thermoforming process, otherwise like Erkoform-3d motion.

with thermoforming "starter kit": Application brochure, samples of thermoforming materials, filling granules, auxiliaries etc.

### Technical data:

- H 31,5 cm/W 35 cm/D 37 cm • weight 11,9 kg
- operating voltage: ~220/240 (100, 110-120) volt, 50-60 hertz
- wattage: 340 watt • max. vakuu 0,8 bar • noise level < 60 dB(A)



### Touchpanel:

- The program contains all Erkodent thermoforming materials, leads as short guide with animations through the sequence of work and indicates the required working steps.
- Acoustic and optic signal, therefore also suitable for deaf persons.
- Select type and thickness of foil and start.
- The indicated thermoforming temperature and cooling time can be changed for special applications without influencing the basic program.
- The display informs about each operating status and the remaining time.
- Often used foils, new foils and also changed factory settings can be saved as favorites.
- With the special functions the heating and the vacuum pump can be separately turned on and off.
- Safety switch-off after 10 sec., when the next working steps are not executed.



Metal construction with hydraulic fixation. Ready for self-installation, with detailed installation and working instructions.

## Occluform-3 188 580

Occludator integrated in a thermoforming unit for imprinting the opposing bite (pat. 19915567).

Occluding bow with fixation ring for Erkoform units serie 3, model pot for fixation of the model in the unit form pot, Occ3-aM with model pot support, granules shovel, hexagonal socket wrench size 3, weight 1.2 kg

- The Occluform-3 can only be installed at Erkoform units serie 3.
- Imprint the opposing bite during the thermoforming process!
- Plaster free model fixation.
- Hydraulic fixation of the opposing bite.
- Single column construction for best model accessibility.
- The construction of the Occluform-3 device is based on a Bonwill triangle with a side length of 11.5 cm and a Balkwill angle of 20°.
- Included in delivery: **Occ3-aM**



## Occ3-aM 188 589 1 piece with model pot support

Device for mean value alignment of a model in the Occluform-3 model pot to the incisal point and to the occlusal plane. The positioning and articulation then corresponds to that of a mean value articulator.



## Occ3-4p Set 188 595

4p-special model disc, 4p counter bite fixation, construction software (download)

Special device and construction data for fixation of 3d print models in the Occluform-3 device.



## Erkopress\_motion 173 000

Pressure forming device **with automated thermoforming process** for all applications in the dental thermoforming technique, to connect with the existing compressed air system.

- Program and insert foil
- Start the heating process • Place the model
- Everything else will be done by the device
- The thermoforming process as well as the cooling time will run automatically.
- Touchless temperature sensor to exactly determine the actual temperature (patented) of the thermoforming materials.
- For uniform wall thicknesses the hot foil will be placed vertically onto the model.
- The adaption is taking place without delay.
- Outstanding workplace safety through automatic switch-off function.
- Pinch protection during the automated thermoforming.
- The medium-wave infrared heating without preheating time, heats up the material not only on the surface but also in depth.
- Easily accessible model during heating period.
- Acoustic and visual signal (suitable for people with impaired hearing).
- Program-controlled function and process.
- Air regulator with gauge and water separator (only Erkopress\_motion)

with thermoforming technique "starter kit": Application brochure, samples of thermoforming materials, high-grade steel filling granules, rounded

### Technical data:

- H 32 cm/W 35 cm/D 43 cm • weight: 18,9 kg
- operating pressure: variably adjustable, 3 - 6 bar
- operating voltage: ~220 - 240 (100, 110 - 120) volt, 50 - 60 hertz
- wattage: max. 380 watt • noise level: < 70 dB(A)



## Erkopress\_ci motion 173 500

Pressure forming device **with automated thermoforming process** for all applications in the dental thermoforming technique, with self-sufficient, integrated production of compressed air (pat. 19518211).

with thermoforming technique "starter kit": Application brochure, samples of thermoforming materials, high-grade steel filling granules, rounded

### Technical data:

- H 32 cm/W 35 cm/D 43 cm • weight: 21,3 kg
- operating pressure: up to 6 bar • reserve pressure: 7 bar
- operating pressure: ~220 - 240 (100, 110 - 120) volt, 50 - 60 hertz
- wattage: max. 440 watt • noise level: < 70 dB(A)



## Touchpanel

- The program contains all Erkodent thermoforming materials and as a quick guide, supported by animations, it leads through the workflow and signalizes the necessary work steps.
- Select the desired foil and thickness and start the process.
- Frequently used foils, new foils and even modified factory settings can be saved as favorites.



## Polymerisation pot 173 888

Polymerisation pot for Erkopress\_motion and Erkopress\_ci motion.



# Thermoforming units + accessories



## Erkomini 182 200

foil holder, form pot, 100 Erkolen-A foils thickness 0.6 mm, 100 spacer foils thickness 0.1 mm, foils-Ø 42 mm

Erkomini, small thermoforming appliance for manual production of copings. Plastification over a Bunsen burner.



## Filling granules 110 852 1.3 kg, high-grade steel

## Filling granules 110 861 1.3 kg, high-grade steel, fine graining

Filling granules to fill undercuts and to limit the model height. Rounded edges to avoid small tears in thin foils. Fine granules for stable fixation of dies without pins.

## on-off magnet

## red, 110 890 1 piece

## green, 110 891 1 piece

Smart magnet to collect high-grade steel granules. The granules will be strongly attracted but do no longer have to be plucked with effort from the magnet. Pull once at the handle and the granules fall off again.



## Cover templates 110 900

8 pieces, each 4 pieces for upper and lower jaw in 2 sizes

Prepunched in 4 sizes (2 upper, 2 lower), to cover the filling granules. Recommended when soft materials are thermoformed without insulating foil. The filling granules do not stick to the foil.



## Blocking out wax

50 g

## 725 080 transparent, oxid free

## 725 055 lilac, optically strongly opaque-lilac, contains titanoxide

Special wax with very high melting point for the thermoforming technique to block out plaster bubbles. Good modelling abilities.



## Erkogum 110 844 transparent, 400 g

## Erkogum 110 847 lilac, 150 g

Permanently kneadable, reusable blocking out material. Ideal for the protection of residual teeth and to block out undercuts. Resists thermoforming temperature.



## Erkoskin 625 050 50 ml

Self-hardening protective film, permanently elastic, acid and base resistant, rupture-resistant, removable without residues, fast drying.

- As spacer when fabricating bleaching trays.
- To relieve tension of the gingival margin in the thermoforming technique.
- As protection of plaster dies against trim water, high-gloss metal parts when sandblasting and high-gloss ceramic parts when etching, etc.

## Isolac

## 624 050 500 ml

## 624 101 1000 ml

For the isolation of plaster against acrylics.

Colourless, ideal for the fabrication of completely transparent splints when soft materials are thermoformed without insulating foil.





## Erkosit

- 817 700** set: 100 ml/100 + 100 g  
**817 701** liquid, 100 ml  
**817 702** powder, light, 100 g  
**817 703** powder, dark, 100 g

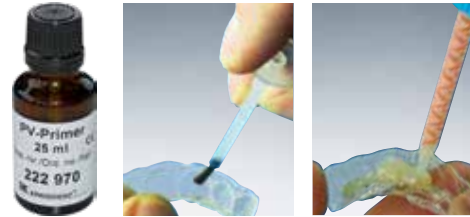
Erkosit, acrylic for the fabrication of temporary appliances. Especially suited for the durable combination with Erkodur using the PV-Primer.



## Resilit-S

- 817 501** liquid, 100 ml      **817 601** liquid, 500 ml  
**817 502** powder, pink, 100 g      **817 602** powder, pink, 500 g  
**817 503** powder, clear, 100 g      **817 603** powder, clear, 500 g

Repair and pouring resin. Cold-curing acrylic resin to fabricate dentures and for repairs. Stable colour due to catalyst without tertiary amines. Especially suited for building-up thermoforming splints. With tested biocompatibility.



## PV-Primer 222 970

25 ml

The PV-Primer allows the bond of thermoformed moulds out of Erkodur and Erkodur-0M1/-A1/-A2/-A3 with acrylics of car-tridge systems.



## Orientation balls 210 010

10 pieces, Ø 5 mm, high-grade steel, 1 spherical bur



## Erkopor black Ø 95 mm

**110 901** 16 pieces, thickness 8 mm, for Erkopress units

**110 902** 40 pieces, thickness 3 mm, for Erkoform units



Erkopor black foam rubber discs are used as spacers. Erkopor black creates a rough inner surface to impression trays.



## PLA-handles high 222 500

50 pieces

White tray handles out of PLA plastic, high grip shape. The handles can be reliably affixed by heat to thermoformed impression trays out of Erkoplast PLA. In appropriate units this is already possible during the thermoforming process.



## PLA-handles flat 222 550

50 pieces

White tray handles out of PLA plastic, flat grip shape.



## Tray handles

**222 901** 100 pieces

**222 905** 500 pieces

Thermoplastic tray handles out of plastic, especially suited for stabilizing individual lower jaw impression trays.

# Thermoforming units + accessories



## Degreasing agent 613 050

50 ml

For cleaning and degreasing of Erkoflex before combination, for example when fabricating Playsafe sports mouthguards or positioners.



## Erkoflexsticks-82 177 005

18 pieces, Shore A hardness 82

Erkoflexsticks-82, out of original Erkoflex for the fabrication of positioners and for model fixation when articulating.

## Erkoflexsticks-95 177 006

18 pieces, Shore A hardness 95

Out of original Erkoflex-95 to adjust Erkoflex-95 splints.



## Special top for fusing gun 177 010

1 piece

Screw-top for commercially available fusing gun, recommended power  $\geq 500$  W.



## Oxydens

An intensively tested cleansing system for all dental splints that are fabricated with the Erkodent thermoforming technique like bruxism splints, Playsafe sports mouthguards, Silensor-sl anti-snoring devices, orthodontic appliances, correction splints, retainers, dentures and similar.

### Oxydens tablets and Oxydens Clean-set:

- remove plaque and mineral deposits
- remove smells
- fresh and clean splints
- prevent discoloring
- practical Oxydens Clean-set for hygienic use and storage

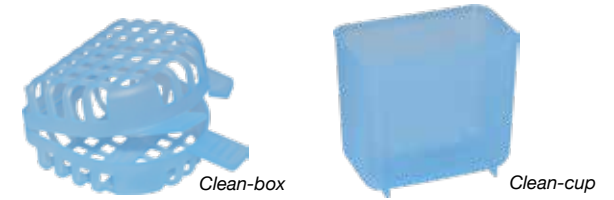


## Oxydens Clean-set 280 030

32 tablets, 1 Clean-box, 1 Clean-cup

## Oxydens cleansing tablets 280 032

32 tablets



## Oxydens Clean-box 280 031 5 pieces

## Oxydens Clean-cup 280 033 5 pieces



## Splintbox 214 020

20 pieces

For bruxism splints, bleaching trays, retainers, etc., inner height 25 mm.



## Erkobox 215 030

20 pieces

To hygienically keep sports mouthguards, positioners, etc., inner height 40 mm.





## Finishing set Quick 3 110 830

1 fissure bur, left spiral, rightward cutting, 2 HSS-twist drills, 1 crosscut tungsten carbide bur, conical, 1 Liskosil-l, 1 Liskosil-m, 1 Liskosil-s, 3 mandrels

Contains all rotating instruments that are useful for the finishing of all thermoforming materials: Fissure bur for rough cutting, HSS-twist drill for more precise contours, carbide bur for smoothing, Liskosil-l for prepolishing, removing larger amounts of material, without leaving an edged surface. Liskosil-m like Liskosil-l and for narrow areas, e.g. in the papilla area of a splint. Liskosil-s, for processing of occlusal interferences and the inner surface of a splint.



## Fissure bur 110 836 2 pieces

The fissure bur is rightward cutting and has a left spiral. Material rests are transported away from the handpiece and therefore lumps during cutting are avoided. Used for rough cutting out of hard materials.

(Fissure bur, square 110 840, 3 pieces., no illustr.)



## HSS-twist drill 110 876 3 pieces

HSS-twist drill for more precise contours, for hard and semi-hard splints, for ex. out of Erkodur or Erkolen. Diameter 1 mm, higher resistance to rupture.



## Tungsten carbide bur, conical 110 837 1 piece

Crosscut conical tungsten carbide bur allows the quick grinding of small and large radius on all thermoforming materials.



## Carbide bur, pear-shaped 110 835 1 piece

Crosscut pear-shaped tungsten carbide bur to grind occlusal splints.



## Tungsten carbide bur, coarsely crosscut 110 833

1 piece

Coarsely crosscut tungsten carbide bur, suitable for a fast elaboration of Erkoplast PLA material.



## take-off pliers 110 880 1 piece

Pliers for easily taking hard thermoformed splints off the model.



## Special scissors XL 220 301 1 piece

Special scissors to cut out soft thermoforming materials of each thickness and hard foils up to a thickness of 1.0 mm.

# Thermoforming units + accessories



**Liskosil-s 223 220** 6 polishing discs, 1 mandrel

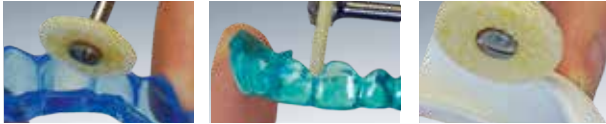
**Liskosil-m 223 230** 6 polishing discs, 1 mandrel

**Liskosil-l 223 240** 6 polishing discs, 1 mandrel

## Liskosil set 223 250

1 Liskosil polishing disc each -s, -m, -l and 3 mandrels

The extraordinary polishing disc with high life time for all thermoforming materials and more. Liskosil-l is particularly suitable for large-area processing. Liskosil-m allows the same result as Liskosil-l in narrow areas, e.g. in the papilla area of a splint. Liskosil-s, the small diameter allows the processing of occlusal interferences and even of the inner surface of a splint.



**Lisko polishers 223 105**, assorted

**223 100** white, **223 101** grey, **223 102** brown

each 10 pieces, 4 supporting discs, 1 mandrel

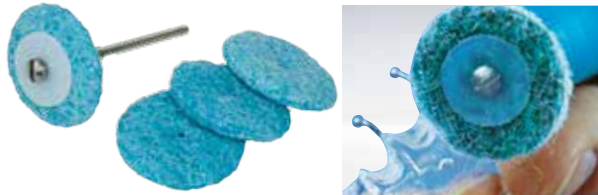
Lisko polishing discs with open structure for cooling, unique for working soft materials.

3 grains: brown - coarse  
grey - medium  
white - fine



**Lisko-B 223 300** 10 pieces, 1 mandrel, 4 supporting discs

Lisko-B prepolishing disc with a considerably higher service life. Lisko-B will always be fixed with two supporting discs at both sides. If the disc is used down to the supporting discs these can be removed and the disc further on be used.



**Lisko-S 223 200** 10 pieces, 1 mandrel, 4 supporting discs

Lisko-S polishing discs have a half-open stabilized structure. To prepolish and adapt soft and to prepolish hard thermoforming materials.



**Liskoid 223 205** 6 pieces, 1 mandrel, 4 supporting discs

Liskoid is a stable pressed disc (DBGM), ideal to prepolish narrow spaces of thermoformed splints. For very narrow zones the disc can be sharpened with a sand paper.



## Polishing set 110 878

60 g special polishing mass, 3 polishing discs packed in an Erkodent splintbox

Set to polish hard thermoforming materials with the technical handpiece.

## Polishing discs out of linen 110 879 3 pieces

**Special polishing mass 110 881** 60 g



## FG-sheets 177 400 50 pieces

To form and shine Erkoflex. The hot surface can be smoothed and shined by shortly pressing an FG-sheet on.



## Hot air burner 177 540 (without gas)

Without flame, no soot, no blackening. Ideal for the local softening and polishing of Erkoflex and Erkoflex-95. Will be refilled with butane for lighters.

# Thermoforming materials + applications

The **biocompatibility** of all thermoforming materials is proved, all materials are registered at the health authority and they are CE marked according to the EEC guidelines (93/42/EEC), with changes as per 2007/47/EC.

The complete range of thermoforming materials and their availability is summarized on pages 21-25. Samples and informations on material properties are found in the material card.



## Erkocryl, clear and rose

Interim prosthesis, compression, retention and extension plates in the orthodontic field 1.5-2.5 mm, combines to Resilit-S (auto-acrylic resin, liquid/powder).



## Erkodur, clear

Harder moulded copings 0.5+0.6 mm, retainers, aligner/correction splints 0.6-2.0 mm, stabilisation splints 0.8-1.5 mm, Silensor-sl anti-snoring device 2.5 mm, bruxism splints, dressing plates, occlusal splints, orientation and measuring splints 1.0-5.0 mm, combines to Resilit-S (auto-acrylic resin, liquid/powder).



## Erkodur freeze

Transparent-turquoise coloured Erkodur, use as Erkodur 1,0-3,0 mm.



## Erkodur-0M1/-A1/-A2/-A3, tooth-coloured

Temporary appliances 0.6 mm, stabilisation splints 1.0 mm, occlusal splints 1.0 mm+2.0 mm. Also as cosmetic splint 1.0 mm+2.0 mm, to put on cosmetically unfavourable teeth.



## Erkoflex, transparent

Elastic viscous material. Protection for models 1.0 mm, bracket transfer splints 1.5-2.0 mm. Base for Playsafe sports-mouthguard 2.0 mm, positioners 3.0-5.0 mm. Duplication of demonstration models 4.0+5.0 mm, radiation protection splints 4.0+5.0 mm.

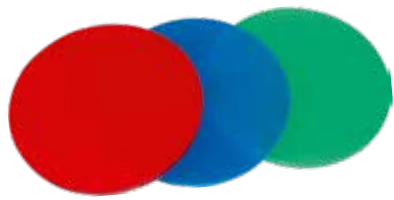


## Erkoflex-95, transparent

Shore A 95, semi-soft adjustable occlusal splints 1.5-4.0 mm, single-layered sports-mouthguard 4.0 mm, radiation protection splints 4.0 mm, elastic with good memory.



# Thermoforming material + applications



## Playsafe triple / -light, transparent + farbig

Prelaminated foil, three-layered (soft/hard/soft) for Playsafe sports mouthguards 5.5 mm/4.1 mm.

Erkoflex 2.5/1.5 mm (soft), triple layer 1.0/0.6 mm (hard), Erkoflex 2.0/2.0 mm (soft).



## Erkoflex-color,

large choice of colours, see page 24

Coloured positioners 4.0 mm, coloured cover layer for Playsafe sports-mouthguard 2.0 + 4.0 mm, elastic viscous material.



All insulating foils applied ex works consist of:



## Erkoflex-bleach, transparent

Bleaching and fluoride trays as well as other medication trays, 1.0 mm.



## Erkolen, transparent

Copings 0.5 - 0.8 mm, spacer 0.6 - 1.0 mm, temporary appliances 0.8 - 1.0 mm, soft-elastic.



## Erkolen/Erkoflex-bleach

Fluoride trays with spacer (Erkolen).



## Erkolign, transparent

Most durable, very tough material. Does not bond to acrylate. Occlusal splints, protection splints against bruxism, stabilization splints, correction splints (aligners), retainers 1.0/2.0 mm.



## Erkoloc-pro, transparent

soft layer always 1.0 mm thickness for plates of 2.0 - 5.0 mm and 0.4 mm thickness for plates of 1.0 + 1.3 mm. Hard layer combines to Resilit-S (auto-acrylic resin, liquid/powder). Comfortable stabilisation and occlusal splints 1.0 - 5.0 mm, Silensor-sl anti-snoring device 3.0 mm, comfortable retention splints with corrective effect, retainers 1.0 - 2.0 mm. Bleaching trays 1.0 mm.



## Erkoloc-pro *blue* Erkoloc-pro *green* Erkoloc-pro *pink*

The blue-, green- and pink-transparent coloring of the soft layer reduces discoloration and allows a better distinction between upper and lower jaw splint when producing anti-snoring devices like the Silensor-sl.

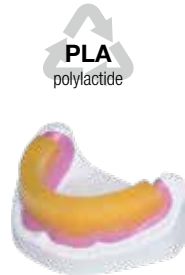
Same chemical and physical properties as Erkoloc-pro transparent 2.0 - 5.0 mm.





## Erkoplast PLA-W, white

Functional trays, individual impression trays, upper 3.0 mm and lower 4.0 mm. Erkoplast PLA-W has a very high torsional strength. Bonds with autopolymerizing resin and by heat with PLA-handles.



## Erkoplast PLA-R, rose

Base plates, upper 1.5 mm.



## Erkoplast PLA-T, transparent

Functional trays, individual impression trays, upper 3.0 mm and lower 4.0 mm. Erkoplast PLA-T has a very high torsional strength. Bonds with autopolymerizing resin and by heat with PLA-handles.



## Usig-Foil, tooth-colour, opaque

Friction-generating copings, 0.5 mm. Abrasion-resistant, very tough material. Glueable, bonds to acrylate.



## UZF-Cast

UZF-Cast as shrinkage compensation foil for the fabrication of casting objects. Red and brown for Erkolen.



# Playsafe sports-mouthguard

Playsafe sports-mouthguards are fabricated individually, consist of at least two laminated layers and an imprint of the opposing bite. Additionally they can be equipped with the sportist's name and Playsafe type labels. Playsafe mouthguards fit exactly onto the teeth, do not move and allow to breathe freely and after a short time of adaptation to speak normally. Boil & Bite mouthguards do not fit as accurately as custom sports-mouthguards. The athlete has to hold the mouthguard onto the teeth, this prevents him from producing outstanding performances.



## PLAYSAFE®

**Playsafe heavy-pro**, most resistant type, 3-layered (2 + 0.8 + 4 mm), for sports where extremely hard and pointed impacts may be received by the jaw, for ex. ice and field hockey.

**Playsafe light-pro**, 3-layered (2 + 0.8 + 2 mm), in case of cramped oral situation (for ex. children), otherwise like heavy-pro.

**Playsafe medium**, 2-layered (2 + 4 mm) for sports where objects with a large surface area may be received by the jaw, for ex. wrestling.

**Playsafe light**, 2-layered (2 + 2 mm), in case of cramped oral situation (for ex. children), otherwise like medium.

### Playsafe heavy-pro



Erkoflex 2 mm



Erkodur-S 0.8 mm



Erkoflex 4 mm

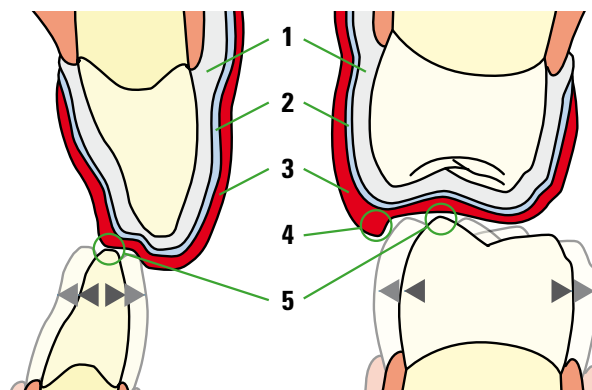


Erkodur-S, clear

Hard mid layer for Playsafe heavy-pro and light-pro sports-mouthguard, combines to Erkoflex.



## PLAYSAFE® triple + PLAYSAFE® triple-light



### Playsafe triple / triple-light

The greater protective effect of laminated sports mouthguards in comparison to single-layered mouthguards is sufficiently known. However, the fabrication of laminated sports mouthguards is much more complex.

A Playsafe triple can be fabricated in the same time as a single-layered sports mouthguard but provides at least the same protective effect than the laminated top version Playsafe heavy-pro.

The Playsafe triple plate is already three-layered, inside and outside soft and in between hard.

**Playsafe triple**,  $\varnothing$  5.5 mm, **Playsafe triple-light**,  $\varnothing$  4.1 mm  
**1** Erkoflex (EVA) 2.5/1.5 mm • **2** triple layer (COC) 1.0/0.6 mm  
**3** Erkoflex (EVA) 2.0/2.0 mm • **4** buccal shield • **5** articulation surface

Thermoform once and imprint the articulation surface in a tricky way, allow to cool off and finish, if desired also apply the label, ready.

The surface that allows movement for the athlete shows a lateral stop (buccal shield). This can absorb lateral impacts.



### Playsafe triple (-light) start set 177 810 (177 850)

1 Playsafe bite spacer, 1 Playsafe face chuck, 1 Playsafe triple (-light) 'set', transparent

### Playsafe triple (-light) set 177 820 (177 860)

1 Playsafe triple (-light) foil, single colour (more colours see page 24), 1 Erkobox, 1 sample FG-sheet, 1 label, 1 instruction

### Playsafe bite spacer 177 811, 3 pieces

### Playsafe face chuck 177 812, 1 piece



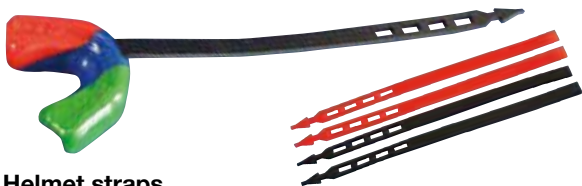
### Playsafe label cover 177 815,

out of Erkoflex, 0.7 mm, 6.0x4.0 cm, 10 pieces





# Playsafe sports-mouthguard



## Helmet straps

To affix the Playsafe sports mouthguard to the helmet.

**584 023** bright red, 10 pieces

**584 024** deep red, 10 pieces

**584 025** deep black, 10 pieces

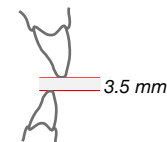


## PLAYSAFE® 4u

Completely free individualisation of all Playsafe sports-mouthguard types.

Configure your personal Playsafe sports-mouthguard with an individual label.

Please refer to: <https://www.erkodent.de/en/products/playsafe/configure-playsafe-4u/>



## prebite Dott. Pelosi 85 10 20

20 pieces

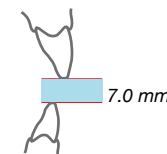
Thickness 3.5 mm

Occlusal splint moulding blank for immediate, direct adaptation to the patient.

Immediate splint, temporary occlusal splint for immediate pain release and splint effectiveness testing.

In 5 minutes the splint is 'ready to go'.

Soften moulding blank for 10-15 seconds in boiling water, shortly dip in cold water and adapt onto the lower jaw, have the patient bite and wait for approx. 2 minutes, take it out and cut the handle, finished.

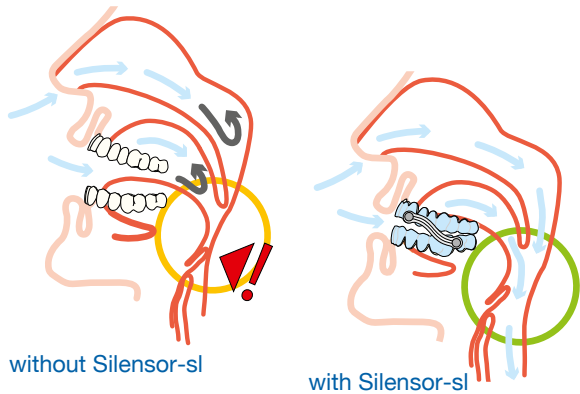


## prebite Dott. Pelosi up 85 10 16

16 pieces

Thickness 7.0 mm

# Silensor-sl anti snoring device



The **Silensor-sl** consists of each one splint for upper and lower jaw.  
With the help of two laterally fixed connectors the lower jaw is positioned.

During sleep muscle tone of soft tissues in the neck decreases. This narrows the pharyngeal area and the required volume of air must be inspired at a higher velocity and noisy vibration (snoring) of soft tissues is stimulated.



The Silensor-sl opens the pharyngeal area. The velocity of inspired air decreases and therefore the noisy vibration.

With the Silensor-sl jaw movements are possible, the falling back of the lower jaw, however, is not possible. This function makes the Silensor-sl a both comfortable and effective anti-snoring device.



\*In case of sudden propulsion movements at night, the anchor can slide in the connector (ill.). This as well as the light flexing double-S shaped connectors prevent a compression or overstretching of the connectors. If a protrusion of the lower jaw is necessary, the connectors are exchangeable very easily.

The Silensor-sl is fabricated out of Erkodur or Erkoloc-pro.



## Contents Silensor-sl set 59 60 11

(Ø 120 mm)

The Silensor-sl set contains all materials and accessories for the fabrication of two Silensor-sl devices.



## sl-protrusion gauge (Pat. 10211000925)

Gauge for taking a construction bite with changed advanced bite. The sl-protrusion gauge enables in a most simple way to register the requested or recommended advancement of the Silensor-sl.

**59 61 05** sl-protrusion gauge, 5 pieces

**59 61 20** sl-protrusion gauge, 20 pieces



## Silensor-sl parts cards

**59 60 01 \*\***

1 card with connection parts

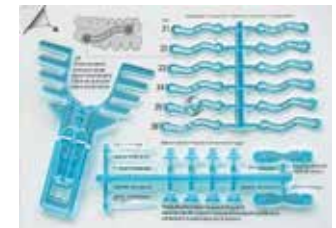
**59 60 00 \*\***

10 cards with connection parts

**59 60 40 \*\***

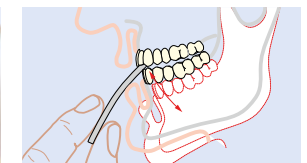
40 cards with connection parts

\*\* without foil and auxiliaries



## HSS twist-drill Ø 1.4 mm 110 871 5 pieces

Bur to drill the holes for the spacer holding pins in the fabrication of the Silensor-sl.



## Bite-help strips 596 020 20 pieces

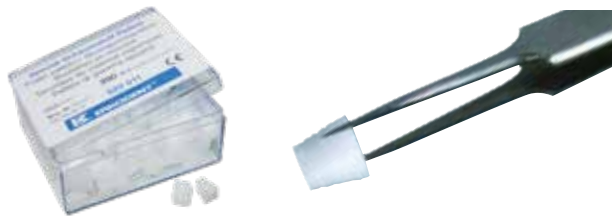
For fast elimination of a possible morning malocclusion.



## DIP-paste 312 000

45 g, 2 brushes

For detection of potential sore spots, ready for use. Apply the paste on denture, insert and allow to masticate for a short period. DIP free areas will show the sore spots. Ecologically beneficial compound. Simply wash off after use with soap (no soap substitutes).



## Special pellets 320 011

200 pellets

Foam pellets with open structure for cold test spray.



## Cotton pellet dispenser 220 530

Taking out of the pellets is possible without contamination of other pellets. Milled and anodized aluminium, autoclavable.

## Silicones



Kneton/Sitran-F and -N are a precise condensation-cured impression system, medical products class 1 and are marked according to the EEC guidelines.

Kneton/Sitran-F and -N correspond to the norm **EN 24823**.

Addition- or condensation-cured stable lab moulding material with high final hardness.

For sectional moulds in case of repairs, for the use with hot- and cold-curing acrylics, for insulation of artificial teeth, etc.



### Sitran-F/N

can be mixed individually.

If they are mixed to equal parts, there will be a medium flowing consistency (medium body).

For more stable, highly precise corrective impressions and to use with individual impression trays, etc. Otherwise like Sitran-F and -N.

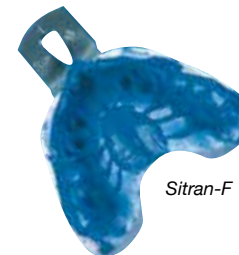


Sitran-N

### Sitran-N 413 010

150 ml-tube, low flowing (heavy body).

Highly precise one-stage impressions, rebasements, well judgeable colour. Highly precise impression material on polysiloxane basis, condensation cured, type 1, high consistency, low flowing.

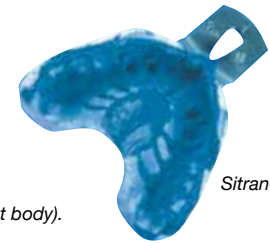


Sitran-F

### Sitran-F 413 020

150 ml-tube, high-flowing (light body).

Highly precise correction and two-stage impressions. Thixotrope and hydrophilic, well judgeable colour. Highly precise impression material on polysiloxane basis, condensation-cured, type 3, low consistency, high flowing.



Sitran-F/N



hardener

### Hardener

413 735 35 ml-tube

413 755 5 x 35 ml-tube

Universal hardener for condensation-cured Erkodent silicones.

### Kneton

413 201 900 ml

413 205 2800 ml

Stable first-stage impression material (putty), well kneadable, with excellent dimensional properties. For first-stage impressions (corrective impression technique), for the double mixing technique, bite fixations, forming of functional borders etc. Highly precise impression material on polysiloxane basis, condensation-cured, type 0, very high consistency.





# Dental office + laboratory

## Kneton Lab 80

**415 701** 900 ml

**415 705** 2800 ml

**415 710** 5600 ml



Condensation-cured, stable laboratory moulding material (putty) **Shore A 80**, high final hardness, well mixable, best dimensional properties, boilable.

## Kneton Lab 95

**415 751** 900 ml

**415 755** 2800 ml

**415 760** 5600 ml



Condensation-cured, stable laboratory moulding material (putty) **Shore A 95**, high final hardness, well mixable, best dimensional properties, boilable.

## Aton Lab 80

**410 700** 2 x 400 ml

**410 701** 2 x 900 ml

**410 705** 2 x 2800 ml



Addition-cured, stable laboratory moulding material (putty), **Shore A 80**, high final hardness, well mixable, best dimensional properties, boilable.

## Mixing bowls

**229 031** 200 pieces PE

**229 030** 6 holding rings, aluminium



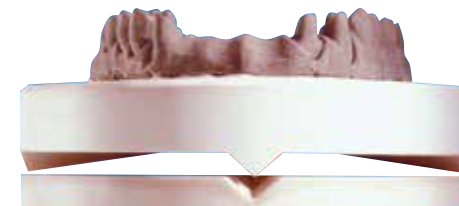
To mix all liquids and powder/liquids used in the dental office.

## Topsy 263 000

Ceramic brush shaper. Mouth forming is out!

**Topsy replacement brush 263 001**

**Topsy replacement sponge 263 002**

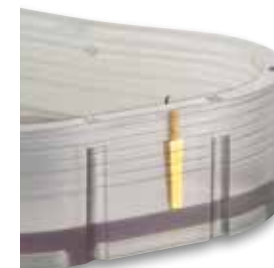


## Erkosplit II 250 500 introductory package

2 large and 2 small moulds, 20 Esplits, plastic, 20 magnet chambers and 4 magnets

The components are also available separately.

The finished plaster base stands on 3 points so that increases in bite height because of dirt particles are excluded.



Erkosplit-base mould

Measuring scales on the side walls permit accurate dosing of the required plaster quantity.



Erkosplit II is a combination of split cast and a base mould. The models are fixed in the articulator by magnets or plastic parts (Esplit).



## Rebasement unit 128 500

The upper baseplate is positioned by a conical guide. Efficient operation by quick-acting knurled nuts. Out of anodized aluminium and brass.



## Sindos

Rebasement unit

- Incomparable handling due to free accessibility.
- Always the same starting and final position with only one column.
- Best working control, very fast fabrication of base and conter.
- Protective cover against soiling of the column.
- Out of brass and anodized, extremely stable aluminium.



## Sindos 128 700

incl. 1 quick-acting knurled nut, 1 knurled nut with through-thread and 1 protective cover for column

**128 706** protective cover for column



Primary:

- Precious metal
- NPM
- Zircon

Secondary:

**Usig-friction-generating coping out of Usig-Foil**

Tertiary:

- Precious metal
- NPM
- Zircon
- Plastic

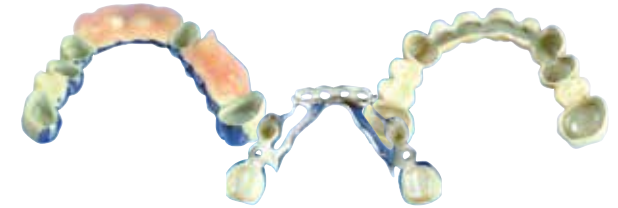
## Thermoformed friction-generating coping for the telescope and attachment technique (DBGM).

- Real friction
- Extremely comfortable insertion and taking for the patient and the practitioner
- By a simple re-working the friction is at any time optimisable
- Low material costs
- Extremely time saving
- **Most simple fabrication with the Erkodent thermoforming technique**

The ingeniously simple system leads in telescopic works to a sliding area with precise real friction, firm fit and still allows an insertion and taking without seizing and a hydraulical feeling.

## Usig-Set: 650 050

- Instructions
- Usig-Foils, 20 pieces, (650 005), Ø 120 mm, thickness 0.5 mm
- Usig-Primer, 5 ml, (650 025)
- Usig-glue, 5 g, (650 010)
- Sample Liskoid polishing disc



## For the fabrication:

- Filling granules fine, 1.3 kg, (110 861)
- Erkoskin, 50 ml, (625 050)
- HSS-twist drill, 3 pieces, (110 876)
- Liskoid polishing disc, 6 pieces, (223 205)
- Usig-HM spherical bur, 1 piece, (650 015)



## Accessories:



## Usig-die disc 650 030

for better fixation of the dies in the granules.



## Usig-glue 650 010 5 g

## Usig-Primer 650 025 5 ml

# Dental office + laboratory



## Wax bite rims

each 100 pieces angled

each 110 pieces straight

**756 300** hard, pink

**756 250** hard, pink-opaque

**756 302** medium, light green

**756 252** medium, light-green-opaque

**756 303** soft, orange

**756 253** soft, orange-opaque

**756 304** medium, red

**756 254** medium, red-opaque

**756 200** hard, pink-opaque

**756 202** medium, light green-opaque

**756 203** soft, orange-opaque

**756 204** medium, red-opaque



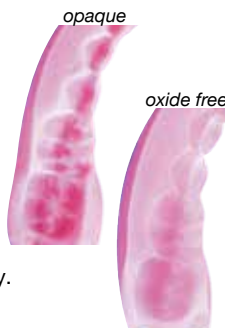
Wax bite rims, angled or straight, with recess at the lower side for better fixing to the ridge. Three hardnesses, four colours, angled for full prosthesis, straight for partial prosthesis.

The wax bite rims are available with or without oxide. The opaque ones allow a much easier optical judgement.

## Wax bite rims

Wax bite rims with opaque wax quality.

Wax bite rims with oxide free wax quality.



**Thiel line:** problem solving, user friendly products, according to DTM Thiel, Amtzell/Germany

## Casting sprues, pear shaped by DTM Thiel

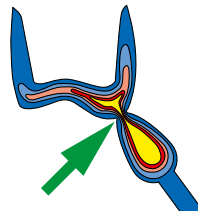
**736 201** size 1, Ø 5 mm, 100 pieces

**736 202** size 2, Ø 6 mm, 100 pieces

**736 203** size 3, Ø 7 mm, 100 pieces

**736 204** size 4, Ø 8 mm, 100 pieces

**736 205** size 5, Ø 9 mm, 100 pieces

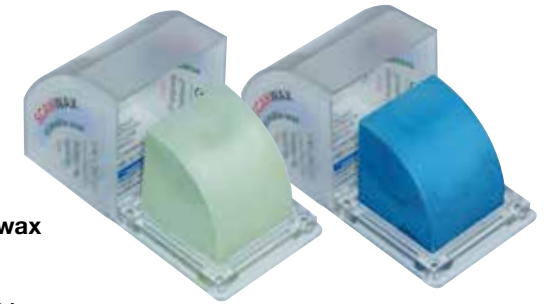
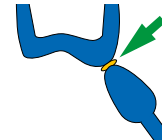


The pear is the ideal form to develop a heat centre. Adequate, consistent cooling-off, longer liquid metal reservoir and certain re-sucking of molten metal until the final solidification. The pear is fixed directly onto the casting object. The narrow pass between casting object and molten metal reservoir, which solidifies too early when using the classical form of casting sprues, no longer exists. The results are less shrinkage cavities and porosities. The casting result can additionally be improved if the cast is limited to the pear and object.

## Connection wax by DTM Thiel

**725 050** 6 g, yellow-orange

Plastic wax condition, allows a safe combination of the casting sprue and the casting object without heat. Especially suitable for the connection of wax profiles in the model casting technique.



## Scan wax

50 g

**725 401** green

**725 400** blue




















## Wax casting sprues

**736 010** Ø 6.5 mm, 200 pieces

**736 014** Ø 8.0 mm, 200 pieces

Wax casting sprues, classical form, with reservoir shaft, thickness of shaft 3 mm.



Thermoforming materials		Colour	Material characteristics
Erkocryl	 PMMA	clear or coloured	Stable, hard, acrylate based material. Bonds to acrylate (Resilit-S).
Erkodur / Erkodur <i>freeze</i>	 PETG	clear / turquoise-transparent	Resistant, hard-elastic material. Burns without residues. Bonds to acrylate (Resilit-S).
Erkodur-0M1/-A1/-A2/-A3	 PETG	tooth colour	Colour shade is equivalent to 0M1/A1/A2/A3, colour density depends on the thickness, otherwise like Erkodur.
Erkodur-S	 SBS	clear	Hard-elastic material. Burns without residues. Bonds to acrylate (Resilit-S). Bonds with heat to Erkoflex.
Erkoflex	 EVA	transparent or coloured	Rubbery, tough, soft-elastic material. Can be bonded by heating or a fusing gun with Erkoflex-sticks-82. Hardness Shore A: 82.
Erkoflex-95	 EVA	transparent	Tough, soft-elastic material. Can be adjusted by heating or a fusing gun with Erkoflex-sticks-95 (not bonded). Hardness Shore A: 95.
Erkoflex-bleach	 EVA	transparent	Tough, soft-elastic material with good memory. Hardness Shore A: 95. Does not bond to acrylate.
Erkolen	 PE	transparent	Soft material, burns without residues, low elastic memory. Does not bond to acrylate.
Erkolign	 PP	transparent	Extremely resistant, break-stable material. Does not bond to acrylate.
Erkoloc-pro/- <i>blu / green / pink</i>	 PETG TPU	transparent / blu / green / pink	Double-layer plate hard/soft. Resistant material with high wearing comfort. Hard side bonds to acrylate (Resilit-S).
Erkoplast PLA-R	 PLA	rose	Impact resistant, very rigid material, bonds by heat and with autopolymerizing resin.
Erkoplast PLA-T	 PLA	transparent	Impact resistant, very rigid material. Accessory: PLA tray handle. PLA material bonds by heat and with autopolymerizing resin.
Erkoplast PLA-W	 PLA	white	Impact resistant, very rigid material. Accessory: PLA tray handle. PLA material bonds by heat and with autopolymerizing resin.
Playsafe triple foil	 EVA COC EVA	transparent or coloured	Triple-layer plate soft/hard/soft.
Usig-Foil	 PETG	tooth colour-opaque	Abrasion-resistant, very tough material. Glueable, bonds to acrylate.
UZF-Cast	 PS	red / brown	Spacer foils (shrinkage compensation) for the casting technique (Resilit-S).
	 PE		Insulating foil for insulating and shrinkage compensation

# Thermoforming material

Application	Material recommendation
Base plates	Erkoplast PLA-R, 1.5 mm, rose, hard
Bite plates	Erkoplast PLA-R, 1.5 mm, rose, hard
Bleaching trays	Erkoflex-bleach, 1.0 mm, soft Erkoloc-pro, 1.0 mm, soft/hard
Bruxism splints	see occlusal splints
Compression plates	see dressing plates
Copings	Erkodur, 0.5-0.8 mm, hard Erkolen, 0.5-0.8 mm, elastic
Cosmetic splints	Erkodur-0M1/-A1/-A2/-A3, 0.6-2.0 mm, hard
Denture bases	Erkocryl, 2.0 and 2.5 mm, hard
Dressing plates	Erkocryl, 1.5 and 2.0 mm, hard Erkodur, 1.0-2.0 mm, hard
Duplication moulds	Erkoflex, 3.0-5.0 mm, soft
Fluoride trays	Erkoflex, 1.5 and 2.0 mm, soft Erkoflex-bleach, 1.0 mm, soft Erkoloc-pro, 1.0 mm, soft/hard
Functional trays	Erkoplast PLA-W/-T white and transparent, 3.0 (upper), 4.0 mm (lower), hard
Individual impression trays	Erkoplast PLA-W/-T white and transparent, 3.0 (upper), 4.0 mm (lower), hard
Insulating/spacer foils for the casting technique	UZF-Cast, 0.1/0.15 mm
Interim prosthesis	Erkocryl, 2.0 and 2.5 mm, hard
Michigan splints	Erkodur, 1.5-5.0 mm, hard Erkoloc-pro, 2.0-5.0 mm, soft/hard
Occlusal splints	Erkodur, 1.5-5.0 mm, hard Erkodur-0M1/-A1/-A2/-A3, 2.0 mm, hard Erkoflex-95, 2.5 and 4.0 mm, soft Erkolign, 2.0 mm, tough-hard Erkoloc-pro, 2.0-5.0 mm, soft/hard
Playsafe sports-mouthguards	Erkodur-S, 0.8 mm (heavy-/light-pro), hard Erkoflex, 2.0 and 4.0 mm, soft Erkoflex-color, 2.0 and 4.0 mm, soft
Playsafe triple	Playsafe triple, 5.5 mm, soft/hard/soft Playsafe triple light, 4.1 mm, soft/hard/soft

Application	Material recommendation
Radiation protection splints	Erkoflex, 4.0 and 5.0 mm, soft Erkoflex-95, 4.0 mm, soft
Silensor-sl anti-snoring device	Erkodur/-freeze, 2.5 mm, hard Erkoloc-pro/-color, 3.0 mm, soft/hard
Spacer for fluoride gel	Erkolen, 1.0 mm, elastic
Stabilization splints	Erkodur, 1.0 mm, hard Erkodur-0M1/-A1/-A2/-A3, 1.0 mm, hard Erkolign, 1.0 mm, tough-hard Erkoloc-pro, 1.0 mm, soft/hard
Temporary appliances, combines to resin only with PV-Primer (222 970)	Erkodur, 0.6-1.0 mm, hard Erkodur-0M1/-A1/-A2/-A3, 0.6 and 1.0 mm, hard
Temporary appliances, only mould	Erkolen, 0.8 and 1.0 mm, elastic
Usig friction-generating coping	Usig-foil, 0.5 mm, hard

## Implantology

Planning- X-ray and orientation templates	Erkodur, 1.0-5.0 mm, hard
Protection splints	Erkodur, 1.0 mm, hard Erkoflex-95, 1.5 mm, soft Erkolign, 1.0 mm, very tough

## Orthodontics

Aligner/Correction splints	Erkodur, 1.0 and 1.5 mm, hard Erkolign, 1.0 mm, very tough Erkoloc-pro, 1.0 and 1.3 mm, soft/hard
Bracket transfer/etching masks	Erkolen, 0.8 and 1.0 mm, elastic
Bracket transfer splints	Erkoflex, 1.5 and 2.0 mm, soft
Orthodontic/extension plates	Erkocryl, 2.0 and 2.5 mm, hard
Positioners	Erkoflex, 3.0-5.0 mm, soft
Retainers	Erkodur, 0.6-1.5 mm, hard Erkolign, 1.0 mm, very tough Erkoloc-pro, 1.0-2.0 mm, soft/hard
Retention plates	Erkocryl, 2.0 and 2.5 mm, hard

## Selection of the right material thickness

To select the right material thickness note that the thermoforming material loses 20-25 % of its original thickness when forming a model area of 1 cm height, for 2 cm height the loss is 30-40 %. For occlusal splints, the thickness is selected according to the desired verticalisation that possibly still allows a grinding-in without additional adjustment.

## Plastification

in units without time or temperature control.

- For most materials please proceed as follows: Check softness with instrument. If permanent impressions result, thermoform.
- Erkolen, Erkoflex-bleach and Erkoflex-95 become clear upon heating, then thermoform. Heat Erkoflex until the foil sags approx. 2 cm, afterwards thermoform. Please also pay attention to the indications in the respective operating instructions.

## Biocompatibility • allergic reactions

All Erkodent thermoforming materials are physiologically harmless. All thermoforming materials are tested on their biocompatibility.

They are medical products and carry a CE marking. Up to now (2020) there is no knowledge of confirmed allergic reactions on the materials, but allergic reactions cannot be excluded.

## Instructions for cleaning and maintenance

The appliances (splints) fabricated out of thermoforming materials should be cleaned and maintained as follows:

- Best results are achieved with Oxydens cleansing tablets for dental splints (280 030, Oxydens Clean-set, 280 032, 32 cleansing tablets). Further cleaning agents: Soap, curd soap, liquid soap and dish-washers. Do not use any strongly perfumed soaps. Not suited are: tooth-paste (contains abrasive particles), mouth-wash (can cause discolouring) and water that is hotter than 50 °C (deformation). Solvent-based cleaning agents cause delamination of multi-layered splints.

After use:

- Wash well with water.
- Best is to thoroughly clean the inner and exterior side of the splint with a tooth brush and soap.
- Again, wash well with water.
- Shake off the water or dry with a towel.
- Never blow-dry - deformation!
- Very important: Allow the splint to completely dry! Keep at a dry place, at best in a box like the Erkobox (215 030) or Splintbox (214 020) that has aeration holes.
- Again wash with water before using it.

## Generation of bad smells

If after some time the splint has adopted a strong smell, additionally put the splint for one hour in a non-perfumed, concentrated soap solution, afterwards thoroughly wash with water. Such soap suds remove most of the smell generating bacteria.

## Discolouring

Soft thermoforming materials have the tendency to discolour. This intake of colour pigments can be reduced or avoided by careful maintenance, but it cannot be reversed.

Mouth-washes and amalgam fillings can also cause discolouring.

## Disinfection

With the exception of Erkoloc-pro/*blu/green/pink* all thermoforming materials can be disinfected with disinfection alcohol and other commercial liquids.

Erkoloc-pro/*blu/green/pink* have to be stored for approx. 5 hours at a dry place without any pressure on it after having contact with alcohol in order to ensure that the alcohol can evaporate completely.

Otherwise a bonding of the hard and soft layer is no longer guaranteed.

## Sterilisation

A sterilisation with gas and plasma (< 50 °C) is possible. As a result of the thermolability the materials are not autoclavable.

**Predrying** For materials that are not delivered or stored in closed aluminium bags:

### Erkocryl:

1.5 mm, 3 hrs, 90 °C  
2.0 mm, 5 hrs, 90 °C  
2.5 mm, 7 hrs, 90 °C

### Erkodur:

0.5-2.0 mm, 5 hrs, 60 °C  
2.5-5.0 mm, 8 hrs, 60 °C

### Erkoloc-pro:

1.0-5.0 mm, 48 hrs, 60 °C



# Thermoforming material

**PLAY SAFE®**

Erkoflex-color

**Thickness 2 mm, order number (contents)**  
(temperature and heating times see foil packaging)

Colour	Ø 120 mm	125x125 mm	Ø 125 mm
bright red	58 12 21 (5)	58 17 21 (5)	58 19 21 (5)
bright yellow	58 12 22 (5)	58 17 22 (5)	58 19 22 (5)
bright blue	58 12 23 (5)	58 17 23 (5)	58 19 23 (5)
bright green	58 12 24 (5)	58 17 24 (5)	58 19 24 (5)
bright pink	58 12 25 (5)	58 17 25 (5)	58 19 25 (5)
deep red	58 12 26 (5)	58 17 26 (5)	58 19 26 (5)
night blue	58 12 27 (5)	58 17 27 (5)	58 19 27 (5)
light blue	58 12 28 (5)	58 17 28 (5)	58 19 28 (5)
maroon	58 12 31 (5)	58 17 31 (5)	58 19 31 (5)
deep green	58 12 32 (5)	58 17 32 (5)	58 19 32 (5)
pure white	58 12 33 (5)	58 17 33 (5)	58 19 33 (5)
deep black	58 12 34 (5)	58 17 34 (5)	58 19 34 (5)
gold	58 12 35 (5)	58 17 35 (5)	58 19 35 (5)
silver	58 12 36 (5)	58 17 36 (5)	58 19 36 (5)

**Colour set, plain colours, 15 pieces (incl. transparent)**

58 12 29 (15) 58 17 29 (15) 58 19 29 (15)

**Freestyle Colours**

**Thickness 2 mm, order number (contents)**  
(temperature and heating times see foil packaging)

Colour	Ø 120 mm	125x125 mm	Ø 125 mm
camouflage	58 12 60 (5)	58 17 60 (5)	58 19 60 (5)
lava	58 12 61 (5)	58 17 61 (5)	58 19 61 (5)
tie-dye	58 12 62 (5)	58 17 62 (5)	58 19 62 (5)
rainbow	58 12 63 (5)	58 17 63 (5)	58 19 63 (5)
confetti	58 12 64 (5)	58 17 64 (5)	58 19 64 (5)
<b>Freestyle Set**</b>	58 12 69 (5)	58 17 69 (5)	58 19 69 (5)
zebra	58 12 65 (5)	58 17 65 (5)	58 19 65 (5)
goldflakes	58 12 66 (5)	58 17 66 (5)	58 19 66 (5)
silverflakes	58 12 67 (5)	58 17 67 (5)	58 19 67 (5)
camouflagestrip	58 12 68 (5)	58 17 68 (5)	58 19 68 (5)
lavastrip	58 12 70 (5)	58 17 70 (5)	58 19 70 (5)

**Freestyle-blackline Set\*\*** 58 12 79 (5) 58 17 79 (5) 58 19 79 (5)

**Thickness 4 mm, order number (contents)**  
(temperature and heating times see foil packaging)

Colour	Ø 120 mm	125x125 mm	Ø 125 mm
bright red	58 12 41 (5)	58 17 41 (5)	58 19 41 (5)
bright yellow	58 12 42 (5)	58 17 42 (5)	58 19 42 (5)
bright blue	58 12 43 (5)	58 17 43 (5)	58 19 43 (5)
bright green	58 12 44 (5)	58 17 44 (5)	58 19 44 (5)
bright pink	58 12 45 (5)	58 17 45 (5)	58 19 45 (5)
deep red	58 12 46 (5)	58 17 46 (5)	58 19 46 (5)
night blue	58 12 47 (5)	58 17 47 (5)	58 19 47 (5)
light blue	58 12 48 (5)	58 17 48 (5)	58 19 48 (5)
maroon	58 12 51 (5)	58 17 51 (5)	58 19 51 (5)
deep green	58 12 52 (5)	58 17 52 (5)	58 19 52 (5)
pure white	58 12 53 (5)	58 17 53 (5)	58 19 53 (5)
deep black	58 12 54 (5)	58 17 54 (5)	58 19 54 (5)
gold	58 12 55 (5)	58 17 55 (5)	58 19 55 (5)
silver	58 12 56 (5)	58 17 56 (5)	58 19 56 (5)

**Colour set, plain colours, 15 pieces (incl. transparent)**

58 12 49 (15) 58 17 49 (15) 58 19 49 (15)

**Freestyle Colours**

**Thickness 4 mm, order number (contents)**  
(temperature and heating times see foil packaging)

Colour	Ø 120 mm	125x125 mm	Ø 125 mm
camouflage	58 12 80 (5)	58 17 80 (5)	58 19 80 (5)
lava	58 12 81 (5)	58 17 81 (5)	58 19 81 (5)
tie-dye	58 12 82 (5)	58 17 82 (5)	58 19 82 (5)
rainbow	58 12 83 (5)	58 17 83 (5)	58 19 83 (5)
confetti	58 12 84 (5)	58 17 84 (5)	58 19 84 (5)
<b>Freestyle Set**</b>	58 12 89 (5)	58 17 89 (5)	58 19 89 (5)
zebra	58 12 85 (5)	58 17 85 (5)	58 19 85 (5)
goldflakes	58 12 86 (5)	58 17 86 (5)	58 19 86 (5)
silverflakes	58 12 87 (5)	58 17 87 (5)	58 19 87 (5)
camouflagestrip	58 12 88 (5)	58 17 88 (5)	58 19 88 (5)
lavastrip	58 12 90 (5)	58 17 90 (5)	58 19 90 (5)

**Freestyle-blackline Set\*\*** 58 12 99 (5) 58 17 99 (5) 58 19 99 (5)

\* Order numbers for Erkoflex transparent, see Erkoflex page 26

\*\* Freestyle Set und Freestyle-blackline Set (assorted, 5 pcs)

## PLAY SAFE® triple

**Thickness 5.5 mm**, Erkoflex 2.5 mm (soft), triple layer 1.0 mm (hard), Erkoflex 2.0 mm (soft)  
(heating time: 3.45 min, thermoforming temperature: 110 °C, cooling time: 9.59 min)

**Playsafe triple start set, Ø 120 mm, 177 810:** 1 Playsafe triple set with transparent foil, 1 Playsafe bite spacer, 1 Playsafe face chuck

<b>Playsafe triple set, Ø 120 mm</b> , 1 Playsafe triple foil (colour has to be indicated), 1 label, 1 Erkobox, 1 sample FG-sheet, instructions		<b>Playsafe triple foils, Ø 120 mm</b> , 5 triple foils of the same colour (colour has to be indicated), 5 labels, 1 sample FG-sheet, instructions	
<b>177 820</b> single-coloured (1 - 15)	<b>177 823</b> four-coloured (1 - 15)	<b>177 825</b> single-coloured (1 - 15)	<b>177 828</b> four-coloured (1 - 15)
<b>177 821</b> two-coloured (1 - 15)	<b>177 824</b> freestyle (16 - 23)	<b>177 826</b> two-coloured (1 - 15)	<b>177 829</b> freestyle (16 - 23)
<b>177 822</b> three-coloured (1 - 15)	<b>177 819</b> freestyle strip (24 + 25)	<b>177 827</b> three-coloured (1 - 15)	<b>177 830</b> freestyle strip (24 + 25)

## PLAY SAFE® triple-light

**Thickness 4.1 mm**, Erkoflex 1.5 mm (soft), triple layer 0.6 mm (hard), Erkoflex 2.0 mm (soft)  
(heating time: 2.50 min., thermoforming temperature: 120 °C, cooling time: 9.59 min.)

**Playsafe triple light start set, Ø 120 mm, 177 850:** 1 Playsafe triple light set with transparent foil, 1 Playsafe bite spacer, 1 Playsafe face chuck

<b>Playsafe triple light set, Ø 120 mm</b> , 1 Playsafe triple light foil (colour has to be indicated), 1 label, 1 Erkobox, 1 sample FG-sheet, instructions		<b>Playsafe triple light foils, Ø 120 mm</b> , 5 foils of the same colour (colour has to be indicated), 5 labels, 1 sample FG-sheet, instructions	
<b>177 860</b> single-coloured (1 - 15)	<b>177 863</b> four-coloured (1 - 15)	<b>177 865</b> single-coloured (1 - 15)	<b>177 868</b> four-coloured (1 - 15)
<b>177 861</b> two-coloured (1 - 15)	<b>177 864</b> freestyle (16 - 23)	<b>177 866</b> two-coloured (1 - 15)	<b>177 869</b> freestyle (16 - 23)
<b>177 862</b> three-coloured (1 - 15)	<b>177 859</b> freestyle strip (24 + 25)	<b>177 867</b> three-coloured (1 - 15)	<b>177 870</b> freestyle strip (24 + 25)

**Ft** Ft = Foil thickness (mm)

**Tft** Tft = Thermoforming temperature (°C), only for Erkodent units with temperature sensor

**Ht** Ht = Heating time (min. sec.), only for Erkodent units with programmable heating time

Material	Ft mm	Tft °C	Ht min	Order number (Contents) Ø 120 mm	Order number (Contents) 125 x 125 mm	Order number (Contents) Ø 125 mm	Order number (Contents) Ø 70 mm
Erkocryl clear	1.50	195	1.55	57 12 15 (10) • 57 42 15 (50)			
	2.00	195	2.20	57 12 20 (10) • 57 42 20 (50)			
	2.50	195	2.55	57 12 25 (10) • 57 42 25 (50)			
Erkocryl rose	2.00	195	2.20	57 22 20 (10)			
Erkodur clear, with insulating foil	0.50	160	0.35	52 12 05 (20) • 52 42 05 (100)	52 14 05 (20) • 52 44 05 (100)	52 15 05 (20) • 52 45 05 (100)	52 67 05 (20) • 52 47 05 (100)
	0.60	160	0.40	52 12 06 (20) • 52 42 06 (100)	52 14 06 (20) • 52 44 06 (100)	52 15 06 (20) • 52 45 06 (100)	52 67 06 (20) • 52 47 06 (100)
	0.80	160	0.45	52 12 08 (20) • 52 42 08 (100)	52 14 08 (20) • 52 44 08 (100)	52 15 08 (20) • 52 45 08 (100)	52 67 08 (20) • 52 47 08 (100)
	1.00	160	0.50	52 12 10 (20) • 52 42 10 (100)	52 14 10 (20) • 52 44 10 (100)	52 15 10 (20) • 52 45 10 (100)	
	1.50	160	1.05	52 12 15 (10) • 52 42 15 (50)	52 14 15 (10) • 52 44 15 (50)	52 15 15 (10) • 52 45 15 (50)	
	2.00	155	1.25	52 12 20 (10) • 52 42 20 (50)	52 14 20 (10) • 52 44 20 (50)	52 15 20 (10) • 52 45 20 (50)	
	2.50	155	1.55	52 12 25 (10) • 52 42 25 (50)	52 14 25 (10) • 52 44 25 (50)	52 15 25 (10) • 52 45 25 (50)	
	3.00	155	2.05	52 12 30 (10) • 52 42 30 (50)	52 14 30 (10) • 52 44 30 (50)	52 15 30 (10) • 52 45 30 (50)	
	4.00	155	2.40	52 12 40 (10) • 52 42 40 (50)		52 15 40 (10) • 52 45 40 (50)	
	5.00	155	3.40	52 12 50 (10) • 52 42 50 (50)			

Material	Ft	Tft	Ht	Order number (Contents)	Order number (Contents)	Order number (Contents)	Order number (Contents)
	mm	°C	min	Ø 120 mm	125 x 125 mm	Ø 125 mm	Ø 70 mm
<b>Erkodur freeze</b> turquoise-transparent, with insulating foil	<b>1.00</b>	160	0.50	52 91 10 (20) • 52 94 10 (100)	52 86 10 (20) • 52 88 10 (100)	52 75 10 (20) • 52 76 10 (100)	
	<b>1.50</b>	160	1.05	52 91 15 (10) • 52 94 15 (50)	52 86 15 (10) • 52 88 15 (50)	52 75 15 (10) • 52 76 15 (50)	
	<b>2.00</b>	155	1.25	52 91 20 (10) • 52 94 20 (50)	52 86 20 (10) • 52 88 20 (50)	52 75 20 (10) • 52 76 20 (50)	
	<b>2.50</b>	155	1.55	52 91 25 (10) • 52 94 25 (50)	52 86 25 (10) • 52 88 25 (50)	52 75 25 (10) • 52 76 25 (50)	
	<b>3.00</b>	155	2.05	52 91 30 (10) • 52 94 30 (50)	52 86 30 (10) • 52 88 30 (50)	52 75 30 (10) • 52 76 30 (50)	
<b>Erkodur-0M1</b> tooth colour, with insulating foil	<b>0.60</b>	170	0.40	52 61 06 (20)	52 28 06 (20)	52 26 06 (20)	
	<b>1.00</b>	165	0.50	52 61 10 (20)	52 28 10 (20)	52 26 10 (20)	
	<b>1.50</b>	160	1.05	52 61 15 (10)	52 28 15 (10)	52 26 15 (10)	
	<b>2.00</b>	155	1.25	52 61 20 (10)	52 28 20 (10)	52 26 20 (10)	
<b>Erkodur-A1</b> tooth colour, with insulating foil	<b>0.60</b>	170	0.40	52 22 06 (20)	52 24 06 (20)	52 19 06 (20)	
	<b>1.00</b>	165	0.50	52 22 10 (20)	52 24 10 (20)	52 19 10 (20)	
	<b>1.50</b>	160	1.05	52 22 15 (10)	52 24 15 (10)	52 19 15 (10)	
	<b>2.00</b>	155	1.25	52 22 20 (10)	52 24 20 (10)	52 19 20 (10)	
<b>Erkodur-A2</b> tooth colour, with insulating foil	<b>0.60</b>	170	0.40	52 23 06 (20)	52 68 06 (20)	52 64 06 (20)	
	<b>1.00</b>	165	0.50	52 23 10 (20)	52 68 10 (20)	52 64 10 (20)	
	<b>1.50</b>	160	1.05	52 23 15 (10)	52 68 15 (10)	52 64 15 (10)	
	<b>2.00</b>	155	1.25	52 23 20 (10)	52 68 20 (10)	52 64 20 (10)	
<b>Erkodur-A3</b> tooth colour, with insulating foil	<b>0.60</b>	170	0.40	52 62 06 (20)	52 69 06 (20)	52 65 06 (20)	
	<b>1.00</b>	165	0.50	52 62 10 (20)	52 69 10 (20)	52 65 10 (20)	
	<b>1.50</b>	160	1.05	52 62 15 (10)	52 69 15 (10)	52 65 15 (10)	
	<b>2.00</b>	155	1.25	52 62 20 (10)	52 69 20 (10)	52 65 20 (10)	
<b>Erkodur-S</b> clear	<b>0.80</b>	160	0.40	52 13 08 (20)	52 18 08 (20)	52 29 08 (20)	
<b>Erkoflex</b> transparent, with insulating foil	<b>1.00</b>	130	0.40	58 12 10 (20) • 58 42 10 (100)	58 17 10 (20) • 58 47 10 (100)	58 19 10 (20) • 58 49 10 (100)	
	<b>1.50</b>	130	0.55	58 12 15 (10) • 58 42 15 (50)	58 17 15 (10) • 58 47 15 (50)	58 19 15 (10) • 58 49 15 (50)	
	<b>2.00</b>	130	1.25	58 12 20 (10) • 58 42 20 (50)	58 17 20 (10) • 58 47 20 (50)	58 19 20 (10) • 58 49 20 (50)	
	<b>3.00</b>	130	2.25	58 12 30 (10) • 58 42 30 (50)	58 17 30 (10) • 58 47 30 (50)	58 19 30 (10) • 58 49 30 (50)	
	<b>4.00</b>	120	3.05	58 12 40 (10) • 58 42 40 (50)	58 17 40 (10) • 58 47 40 (50)	58 19 40 (10) • 58 49 40 (50)	
	<b>5.00</b>	120	3.30	58 12 50 (10) • 58 42 50 (50)	58 17 50 (10) • 58 47 50 (50)	58 19 50 (10) • 58 49 50 (50)	
<b>Erkoflex-bleach</b> transp., with insul. foil	<b>1.00</b>	175	0.55	58 13 10 (20) • 58 43 10 (100)	58 18 10 (20) • 58 48 10 (100)	58 15 10 (20) • 58 45 10 (100)	
<b>Erkoflex-95</b> transparent, with insulating foil	<b>1.50</b>	155	1.15	58 92 15 (10) • 58 94 15 (50)	58 69 15 (10) • 58 67 15 (50)	58 59 15 (10) • 58 54 15 (50)	
	<b>2.50</b>	140	1.55	58 92 25 (10) • 58 94 25 (50)	58 69 25 (10) • 58 67 25 (50)	58 59 25 (10) • 58 54 25 (50)	
	<b>4.00</b>	130	2.45	58 92 40 (10) • 58 94 40 (50)	58 69 40 (10) • 58 67 40 (50)	58 59 40 (10) • 58 54 40 (50)	
<b>Erkolen</b> transparent, with insulating foil	<b>0.50</b>	175	0.35	51 12 05 (20) • 51 42 05 (100)	51 13 05 (20) • 51 43 05 (100)	51 15 05 (20) • 51 45 05 (100)	51 67 05 (20) • 51 47 05 (100)
	<b>0.60</b>	175	0.40	51 12 06 (20) • 51 42 06 (100)	51 13 06 (20) • 51 43 06 (100)	51 15 06 (20) • 51 45 06 (100)	51 67 06 (20) • 51 47 06 (100)
	<b>0.70</b>	170	0.45	51 12 07 (20) • 51 42 07 (100)	51 13 07 (20) • 51 43 07 (100)	51 15 07 (20) • 51 45 07 (100)	51 67 07 (20) • 51 47 07 (100)
	<b>0.80</b>	170	0.55	51 12 08 (20) • 51 42 08 (100)	51 13 08 (20) • 51 43 08 (100)		51 67 08 (20) • 51 47 08 (100)



Material	Ft	Tft	Ht	Order number (Contents)	Order number (Contents)	Order number (Contents)	Order number (Contents)
	mm	°C	min	Ø 120 mm	125 x 125 mm	Ø 125 mm	Ø 70 mm
<b>Erkolen</b> transparent, with insulating foil	<b>1.00</b>	165	1.00	51 12 10 (20) • 51 42 10 (100)	51 13 10 (20) • 51 43 10 (100)	51 15 10 (20) • 51 45 10 (100)	51 67 10 (20) • 51 47 10 (100)
	<b>1.50</b>	160	1.35	51 12 15 (10) • 51 42 15 (50)	51 13 15 (10) • 51 43 15 (50)		
	<b>2.00</b>	150	2.05	51 12 20 (10) • 51 42 20 (50)	51 13 20 (10) • 51 43 20 (50)	51 15 20 (10) • 51 45 20 (50)	
	<b>3.00</b>	140	2.55	51 12 30 (10) • 51 42 30 (50)	51 13 30 (10) • 51 43 30 (50)		
<b>Erkolign</b> transparent, with insulating foil	<b>1.00</b>	180	1.25	54 12 10 (20) • 54 42 10 (100)		54 15 10 (20) • 54 45 10 (100)	
	<b>2.00</b>	190	2.20	54 12 20 (10) • 54 42 20 (50)		54 15 20 (10) • 54 45 20 (50)	
<b>Erkoloc-pro</b> transparent, with insulating foil	<b>1.00</b>	160	1.00	59 51 10 (20) • 59 54 10 (100)	59 52 10 (20)	59 55 10 (20)	
	<b>1.30</b>	160	1.10	59 51 13 (20) • 59 54 13 (100)	59 52 13 (20)	59 55 13 (20)	
	<b>2.00</b>	170	1.55	59 51 20 (10) • 59 54 20 (50)	59 52 20 (10)	59 55 20 (10)	
	<b>3.00</b>	165	2.40	59 51 30 (10) • 59 54 30 (50)	59 52 30 (10)	59 55 30 (10)	
	<b>4.00</b>	160	3.25	59 51 40 (10) • 59 54 40 (50)		59 55 40 (10)	
	<b>5.00</b>	160	4.30	59 51 50 (10) • 59 54 50 (50)		59 55 50 (10)	
<b>Erkoloc-pro <i>blue</i></b> blue-transparent, with insulating foil	<b>2.00</b>	170	1.55	59 56 20 (10) • 59 58 20 (50)	59 76 20 (10)	59 66 20 (10)	
	<b>3.00</b>	165	2.40	59 56 30 (10) • 59 58 30 (50)	59 76 30 (10)	59 66 30 (10)	
	<b>4.00</b>	160	3.25	59 56 40 (10) • 59 58 40 (50)		59 66 40 (10)	
	<b>5.00</b>	160	4.30	59 56 50 (10) • 59 58 50 (50)		59 66 50 (10)	
<b>Erkoloc-pro <i>green</i></b> green-transparent, with insulating foil	<b>2.00</b>	170	1.55	59 72 20 (10) • 59 74 20 (50)	59 65 20 (10)	59 82 20 (10)	
	<b>3.00</b>	165	2.40	59 72 30 (10) • 59 74 30 (50)	59 65 30 (10)	59 82 30 (10)	
	<b>4.00</b>	160	3.25	59 72 40 (10) • 59 74 40 (50)		59 82 40 (10)	
	<b>5.00</b>	160	4.30	59 72 50 (10) • 59 74 50 (50)		59 82 50 (10)	
<b>Erkoloc-pro <i>pink</i></b> pink-transparent, with insulating foil	<b>2.00</b>	170	1.55	59 59 20 (10) • 59 69 20 (50)	59 70 20 (10)	59 75 20 (10)	
	<b>3.00</b>	165	2.40	59 59 30 (10) • 59 69 30 (50)	59 70 30 (10)	59 75 30 (10)	
	<b>4.00</b>	160	3.25	59 59 40 (10) • 59 69 40 (50)		59 75 40 (10)	
	<b>5.00</b>	160	4.30	59 59 50 (10) • 59 69 50 (50)		59 75 50 (10)	
<b>Erkoplast PLA-R</b> , rose	<b>1.50</b>	130	1.00	56 46 15 (10) • 56 47 15 (50)	56 66 15 (10) • 56 67 15 (50)	56 56 15 (10) • 56 57 15 (50)	
<b>Erkoplast PLA-T</b> , transparent	<b>3.00</b>	130	2.00	56 82 30 (10) • 56 84 30 (50)	56 22 30 (10) • 56 24 30 (50)	56 92 30 (10) • 56 94 30 (50)	
	<b>4.00</b>	125	2.35	56 82 40 (10) • 56 84 40 (50)	56 22 40 (10) • 56 24 40 (50)	56 92 40 (10) • 56 94 40 (50)	
<b>Erkoplast PLA-W</b> , white	<b>3.00</b>	130	1.50	56 52 30 (10) • 56 54 30 (50)	56 62 30 (10) • 56 64 30 (50)	56 72 30 (10) • 56 74 30 (50)	
	<b>4.00</b>	125	2.30	56 52 40 (10) • 56 54 40 (50)	56 62 40 (10) • 56 64 40 (50)	56 72 40 (10) • 56 74 40 (50)	
<b>Usig-Foil</b> tooth colour-opaque, w. i. f.	<b>0.50</b>	160	0.30	65 00 05 (20)			
<b>UZF-Cast</b> spacer foil for the casting technique	<b>0.10</b>	red		53 11 01 (100)		53 25 01 (100)	53 17 01 (100)
	<b>0.15</b>	brown		53 11 15 (100)			53 17 15 (100)

Material	Ft	Order number (Contents)
For <b>Erkomini</b> , <b>182 200</b> (manual coping production)	mm	Ø 42 mm
<b>Erkolen-A</b> transparent (harder than <b>Erkolen</b> )	<b>0.60</b>	51 14 66 (100) • 51 24 66 (500)
<b>Erkolen-AW</b> transparent (like <b>Erkolen</b> )	<b>0.60</b>	51 14 06 (100) • 51 24 06 (500)
<b>UZF-A</b> clear, shrinkage compensation foil for Erkolen-A and -AW	<b>0.10</b>	53 14 01 (200) • 53 24 01 (500)



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