

Material	Ft	Tft	Ht	Order number (Contents)	Order number (Contents)	Order number (Contents)
	mm	°C	min	Ø 120 mm	125 x 125 mm	Ø 125 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)		
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)
	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)
	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)
	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)
	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)
Erkodur-A1 tooth colour, with insulating foil	0.60	170	0.40	52 22 06 (20)	52 24 06 (20)	52 19 06 (20)
	1.00	165	0.50	52 22 10 (20)	52 24 10 (20)	52 19 10 (20)
	2.00	155	1.25	52 22 20 (10)	52 24 20 (10)	52 19 20 (10)
Erkodur-A3 tooth colour, with insulating foil	0.60	170	0.40	52 62 06 (20)	52 69 06 (20)	52 65 06 (20)
	1.00	165	0.50	52 62 10 (20)	52 69 10 (20)	52 65 10 (20)
	2.00	155	1.25	52 62 20 (10)	52 69 20 (10)	52 65 20 (10)
Erkodur-bz	2.00	155	1.25	52 72 20 (20)		
Erkodur-C clear	0.50	170	0.45	52 52 05 (20) • 52 82 05 (100)		
	0.60	170	0.50	52 52 06 (20) • 52 82 06 (100)	52 54 06 (20) • 52 84 06 (100)	52 55 06 (20) • 52 85 06 (100)
	0.80	170	1.00	52 52 08 (20) • 52 82 08 (100)		
	1.00	170	1.10	52 52 10 (20) • 52 82 10 (100)		
Erkodur-S clear	0.80	160	0.40	52 13 08 (20)	52 18 08 (20)	52 29 08 (20)
Erkoflex transparent, with insulating foil	1.00	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)
	1.50	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)
	2.00	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)
	3.00	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)
	4.00	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)
	5.00	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)
Erkoflex-95 transparent, with insulating foil	1.50	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)
	2.50	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)
	4.00	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)
Erkoflex-bleach transp., with insul. f.	1.00	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)
Erkoflex-bz	2.00	140	1.55	58 22 20 (10)		
Erkolen transparent, with insulating foil	0.50	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)
	0.60	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)
	0.70	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)
	0.80	170	0.55	51 12 08 (20) • 51 42 08 (100)	51 13 08 (20) • 51 43 08 (100)	
	1.00	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)
	1.50	160	1.35	51 12 15 (10) • 51 42 15 (50)	51 13 15 (10) • 51 43 15 (50)	
	2.00	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)
Erkolign transparent, with insulating foil	1.00	200	1.50	54 12 10 (20) • 54 42 10 (100)		54 15 10 (20) • 54 45 10 (100)
	2.00	200	2.40	54 12 20 (10) • 54 42 20 (50)		54 15 20 (10) • 54 45 20 (50)
	1.80	135	1.20	59 12 18 (10) • 59 42 18 (50)	59 18 18 (10) • 59 48 18 (50)	59 15 18 (10) • 59 45 18 (50)
	3.00	120	2.05	59 12 30 (10) • 59 42 30 (50)	59 18 30 (10) • 59 48 30 (50)	59 15 30 (10) • 59 45 30 (50)
Erkoloc-pro transparent, with insulating foil	2.00	170	1.55	59 51 20 (10) • 59 54 20 (50)	59 52 20 (10)	59 55 20 (10)
	3.00	165	2.40	59 51 30 (10) • 59 54 30 (50)	59 52 30 (10)	59 55 30 (10)
	4.00	160	3.25	59 51 40 (10) • 59 54 40 (50)		59 55 40 (10)
	5.00	160	4.30	59 51 50 (10) • 59 54 50 (50)		59 55 50 (10)

Erkoloc-pro transparent, assorted thicknesses (2/3/4/5 mm), Ø 120 mm, ord. no.: 59 51 00 (10 pc.) • 59 54 00 (50 pc.)

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 thermoforming temperature

Material	Ft	Tft	Ht	Order number (Contents)	Order number (Contents)	Order number (Contents)
	mm	°C	min	Ø 120 mm	125 x 125 mm	Ø 125 mm
Erkoloc-pro blu blue-transparent, with insulating foil	2.00	170	1.55	59 56 20 (10) • 59 58 20 (50)	59 76 20 (10)	59 66 20 (10)
	3.00	165	2.40	59 56 30 (10) • 59 58 30 (50)	59 76 30 (10)	59 66 30 (10)
	4.00	160	3.25	59 56 40 (10) • 59 58 40 (50)		59 66 40 (10)
	5.00	160	4.30	59 56 50 (10) • 59 58 50 (50)		59 66 50 (10)
Erkoplast-O white-opaque	1.50	165	1.25	55 15 15 (10) • 55 45 15 (50)	55 28 15 (10) • 55 48 15 (50)	55 19 15 (10) • 55 49 15 (50)
	2.50	150	1.45	55 15 25 (10) • 55 45 25 (50)	55 28 25 (10) • 55 48 25 (50)	55 19 25 (10) • 55 49 25 (50)
	3.00	150	2.05	55 15 30 (10) • 55 45 30 (50)	55 28 30 (10) • 55 48 30 (50)	55 19 30 (10) • 55 49 30 (50)
	4.00	150	3.00	55 15 40 (10) • 55 45 40 (50)	55 28 40 (10) • 55 48 40 (50)	55 19 40 (10) • 55 49 40 (50)
Erkoplast-R pink	1.50	165	1.15	55 12 15 (10) • 55 42 15 (50)	55 14 15 (10) • 55 44 15 (50)	
	2.50	150	1.35	55 12 25 (10) • 55 42 25 (50)	55 14 25 (10) • 55 44 25 (50)	
	3.00	150	1.55	55 12 30 (10) • 55 42 30 (50)	55 14 30 (10) • 55 44 30 (50)	
	4.00	150	2.50	55 12 40 (10) • 55 42 40 (50)	55 14 40 (10) • 55 44 40 (50)	
Erkorit clear	2.50	165	1.45	56 12 25 (10) • 56 42 25 (50)	56 14 25 (10) • 56 44 25 (50)	56 15 25 (10) • 56 45 25 (50)
	3.50	160	2.35	56 12 35 (10) • 56 42 35 (50)	56 14 35 (10) • 56 44 35 (50)	56 15 35 (10) • 56 45 35 (50)
Usig Foil tooth colour, opaque	0.50	160	0.30	65 00 05 (20)		
UZF-Cast	red, for Erkolen	0.10		53 11 01 (100)		53 25 01 (100)
	clear, for Erkodur-C	0.10		53 11 11 (100)		
	brown, for Erkolen	0.15		53 11 15 (100)		
UZF-Cast , spacer foil for the casting technique.						
UZF-Plus clear with logo	0.10			53 12 01 (50)		
UZF-Plus on red carrier foil, can be applied by one or two layers as spacer/insulating foil on each Erkodent foil. Also additionally (by one layer) on already ex works applied spacer/insulating foils.						

Material	Ft	Order number (Contents)
	mm	Ø 70 mm
Erkodur clear, with insulating foil	0.50	52 67 05 (20) • 52 47 05 (100)
	0.60	52 67 06 (20) • 52 47 06 (100)
	0.80	52 67 08 (20) • 52 47 08 (100)
Erkodur-C clear	0.50	52 70 05 (20) • 52 74 05 (100)
	0.60	52 70 06 (20) • 52 74 06 (100)
	0.80	52 70 08 (20) • 52 74 08 (100)
Erkolen clear	0.50	51 67 05 (20) • 51 47 05 (100)
	0.60	51 67 06 (20) • 51 47 06 (100)
	0.70	51 67 07 (20) • 51 47 07 (100)
	0.80	51 67 08 (20) • 51 47 08 (100)
	1.00	51 67 10 (20) • 51 47 10 (100)
UZF-Cast	red, for Erkolen	0.10 53 17 01 (100)
	clear, for Erkodur-C	0.10 53 17 11 (100)
	brown, for Erkolen	0.15 53 17 15 (100)

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

Material	Ft	Order number (Contents)
	mm	Ø 120 mm
Erkocryl rose	2.00	57 22 20 (10)
Erkocryl assorted white-green/red-orange/blue/violet/clear	2.00	57 12 19 (5)

Selection of the right material thickness

To select the right material thickness it has to be taken into consideration 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 the 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 and Erkodur-C until the foil sags app. 2 cm, afterwards thermoform.

Please also pay attention to the indications in the respective operating instructions.

Biocompatibility • allergic reactions

All thermoforming materials are tested on their biocompatibility. They correspond to the EEC guideline 93/42/EEC (medical products class 1), with changes as per 2007/47/EC and are CE marked. Up to now there is no information on any allergic reactions to the materials, but they cannot be totally excluded.

Predrying (if necessary):

Erkodur: 0.5 - 2.0 mm, 5 hrs, 60 °C 3.0 - 5.0 mm, 8 hrs, 60 °C	Erkodur-C: 0.5/0.6 mm, 40 min., 80 °C 0.8 mm, 50 min., 80 °C
Erkocryl: 1.5 mm, 3 hrs, 90 °C 2.0 mm, 5 hrs, 90 °C 2.5 mm, 7 hrs, 90 °C	Erkoloc-pro: 1.0 mm, 60 min., 80 °C 2.0 - 5.0 mm, 48 hrs, 60 °C

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 thermoforming temperature