



**TAGLUS<sup>®</sup> STANDARD**  
The Trusted Aligner Material

Thermoforming Foils  
Folhas de termoformação  
Láminas de termoformado  
Термоформовочная фольга  
Feuilles de thermoformage  
Tiefziehfolien

Technical specifications and safety information in multiple languages, including a table of material properties.

PROPR	PA	PROPR	PA	PROPR	PA
1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00

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CERTIFIED BY



EMERGO EUROPE  
Prinsessegracht 20  
2514 AP The Hague  
The Netherlands

**TGA** Health Safety  
Regulation  
Australia & NZ

**ANVISA**  
Brazil & South America

# ABOUT TAGLUS STANDARD™

Taglus standard is a high-performance copolyester product with excellent transparency, chemical resistance, and superior processability. The material is a unique engineering combination of elasticity and rigidity in a perfect balance. This is accompanied by superior aesthetics, high optical clarity, and stain resistance.

## SIZES

Dimensions	Thickness (mm)
∅ 125mm	0.762
∅ 120mm	1.02
■ 125mm x 125mm	

\*\*Some variations are inherent in plastic testing, and the preceding data is considered to be representative approximate of the average values. Vedia Solutions makes no representation that the material in any representation that the material in any particular shipment confirm exactly to the given values. Conversions of metric / U.S. customary values may have been rounded off and therefore may not be exact conversions.

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Engineered for clear aligners and retainers with superior mechanical properties :

**HIGH FLEXURAL MODULUS** of 304380 psi to give crack free durable aligners and retainers.

**HIGHEST IMPACT STRENGTH** of 105 J/m Vs all traditional materials available for aligners and retainers, makes it more resistant to deformation and cracks over time.

**LIGHT TRANSMISSION PERCENTAGE** at 90% (according to ASTM D-103) making it optically clear.

**MOISTURE RESISTANT DUAL PROTECTIVE MASKING** makes it scratch, dust resistant and ensures the quality of the aligner/retainer is preserved throughout the thermoforming process as well.

## INDICATIONS

### CLEAR ALIGNERS

Taglus Standard serve as a fine esthetic and predictable solution of dental alignment problems. Based on the recommendations of certified orthodontist, the aligners generate gentle and consistent forces approximately up to 0.25 mm per aligner in 7 to 15 days days

### ORTHODONTIC RETAINER

Can be used to design transparent orthodontic retainers post treatment due its excellent crack resistant properties thereby improving patient compliance

### SURGICAL SPLINT

Taglus Standard can be used fabricate surgical splints due to greater stability, consistently high quality due to zero curing shrinkage. Adequate binding to all types of light and heat cured acrylics and precise adaptation to

the model under pressure adds to its popularity as a splint material.

### CERTIFICATIONS



## WORKING INSTRUCTIONS: HEATING TIME

	<u>0.030"</u> (0.762mm)	<u>0.040"/</u> (1.020mm)
BioSTAR MiniSTAR / MiniSTAR S	Code 103/ Code 113/ Code 123	Code 113/ Code 123/ Code 133
Dreve Drufomat Scan	Heating - 1:05 Cooling - 1:30	Heating - 1:10 Cooling - 1:40

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Pressure should be set ABOVE 4 Bars. Temperature is at MACHINE default.

Taglus Sheets are protected by masking sheets on both sides, remove the protective sheets AFTER thermoforming and finishing.

Above times are general guidelines only, as each individual machine acts slightly different.

If the plastic does not adapt well to the model, add or reduce 5 seconds to heating time until the result is ideal.

If plastic forms folds, results in NOT clear tray OR shows bubble formation, recalibrate your heating element or reduce heating time until the result is ideal.

For any clinical and Lab related questions, please do not hesitate to contact us at [info@taglus.com](mailto:info@taglus.com) and in case of any serious incident that has occurred in relation to this medical device contact us at [info@taglus.com](mailto:info@taglus.com) and the competent authority of the Member State in which the user and/or patient is established.

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