



FOR OPTIMAL READING EXPERIENCE,  
PLEASE ROTATE YOUR PHONE TO LANDSCAPE MODE



The Finest Aligner Material



INSTRUCTION FOR USE



## 1. DESCRIPTION:

Taglus Premium is an innovative aligner/retainer material with superior material properties and enhanced aesthetics. It has masking layer on both sides, preventing dust particles/moisture and scratches before use. Its Ideal mechanical properties and manufacturing processes make it the best aligner/retainer material available in the market. The material has been tested and approved for its biological safety.

## 2. INTENDED PURPOSE:

The Taglus Premium Thermoforming Foils can be used as an aligner/retainer after thermoforming on a 3D printed model designed and planned by a registered orthodontist or registered dental lab technician.

## 3. NOTE BEFORE USING:

- Heating times may vary with current fluctuations or time.
- If the foils do not adapt well to the model, add or reduce 5 seconds to heating time until the result is ideal.
- If Foils form folds, the thermoformed aligner/retainer is not clear or shows bubble formation on the thermoformed model then recalibrate your heating element or reduce the heating time until the result is ideal.

## 4. WORKING INSTRUCTIONS:

- Take 3D Printed Model required to be thermoformed. Do not remove the masking of the sheet before thermoforming.
- Place a sheet of aligner/retainer material in the pressure chamber of the thermoforming machine and enter the correct code or adjust the heating & cooling time for the Taglus sheet (see chart below- times are general guidelines only as each individual machine acts slightly different).
- Pressure should be set above 4.2 Bars and temperature is at machine default.
- Observe the sheet as it heats & as per the timer move the heating element away from the Foils.
- Then close the Pressure chamber on the model for thermoforming. After completing the cooling time open the machine & see the adaptation of the sheet with a model.

WORKING INSTRUCTIONS: HEATING TIME

	<b>0.020"</b> <b>(0.5mm)</b>	<b>0.030"</b> <b>(0.762mm)</b>	<b>0.040"</b> <b>(1.020mm)</b>	<b>0.060"</b> <b>(1.5mm)</b>	<b>0.080"</b> <b>(2.0mm)</b>
<b>BioSTAR MiniSTAR/ MiniSTAR S</b>	Code 103	Code 123	Code 133	Code 143	Code 153
<b>Dreve Drufomat Scan</b>	Heating – 0:55 Cooling – 1:20	Heating – 1:05 Cooling – 1:30	Heating – 1:10 Cooling – 1:40	Heating – 1:30 Cooling – 2:00	Heating – 2:00 Cooling – 2:20

- Vedia Solutions strongly recommends using thermoforming units such as the Biostar and Ministar when forming appliances with Taglus. More information on how to form Taglus appliances can be found in the Resources section of [www.taglus.com](http://www.taglus.com)
- MiniSTAR / MiniSTAR S / BioSTAR are trademarks of Scheu Dental Technology and Drufomat Scan is the trademark of Dreve Dentamid.

## 5. STORAGE CONDITIONS:

- Keep the foils in the original packaging without removing the protective lamination foil during storage.
- Storage should be in a cool and dry environment at room temperature.
- Place unused sheets back in the resealable zip-lock pack along with desiccant/silica packs.

## 6. TRIMMING INSTRUCTIONS:

- First cut the excess plastic surrounding the appliance and cut Taglus appliance off the model with scissors using a trimming wheel or a twist drill. Operate the trimming wheel or twist drill at around 35,000 rpm and cut as close to the finished outline of the appliance as possible. Remove the appliance from the foil and trim extra parts with crown and bridge scissors or rotary burs.
- Polish the edges of the Taglus appliance with an edge polisher at around 10,000 RPM and then before delivering rinse the Taglus appliance with cool water and mild soap.

## 7. CONTRAINDICATIONS:

- This product is contraindicated for patients with a history of allergic reactions to plastic.


## 8. CLEANING:

- Products from the TAGLUS range are the best choice for daily cleaning and care. Detergents or products on the base of alcohol or plants as well as hot water or steam jets should not be used.

## 9. CAUTION:

- This product is to be used by a Medical Professional, according to the instructions. Visually inspect and carefully check the product and packaging before use for damage during transportation and handling.
- In case of any serious incident that has occurred in relation to the device please contact us at [info@taglus.com](mailto:info@taglus.com) and/or the competent authority of the Member State in which the user and/or patient is established.


## 10. SYMBOLS USED ON LABELLING:

 Single Use


MD Medical Device

 Expiry Date

 Caution


 Batch / Lot Number


 Consult Instruction for Use

 Do not use if package is damage

 Non-Pyrogenic

 Non-Sterile

 Date of Manufacture

 Keep Away from Sunlight

 Recycle

 Keep Dry

 Manufacturer

 Upper & Lower Limit of Temperature


 CE Mark



 **Vedia Solutions**  
(A division of LDEPL)

103, Akruiti Arcade, J. P. Road, Opp. A. H. Wadia School,  
Andheri West, Mumbai, Maharashtra India-400053

 [info@taglus.com](mailto:info@taglus.com)

 [www.taglus.com](http://www.taglus.com)



Taglus, Taglus logo, Taglus Premium are trademarks of Vedia Solutions and its affiliates in India. Taglus logo is a registered trademark of Vedia Solutions and its affiliates in India.



Wellkang Ltd, Enterprise Hub,  
NW Business Complex,  
1 Beraghmore Rd, Derry,  
BT48 8SE, Northern Ireland

EUROPE