

# GLACIER™

Ultra Premium Thermoform Material

by  **DynaFlex®**

## INSTRUCTIONS FOR USE

*(Instructions for use on Thermoforming Vacuum Machines only)*

**INTENDED USE:**

Glacier™ Plastic is thermoformed to fabricate intraoral appliances such as retainers, aligners for minor tooth movement, and temporary bridges. Glacier™ Plastic is suitable for use with non-bruxers.

**INDICATIONS FOR USE:**

Mouthguard and aligner materials are indicated for the fabrication of orthodontic and dental appliances such as aligners, bite planes, mouthguards, nightguards, snoring appliances, splints, retainers, repositioners, and temporary bridges.

**CONTRAINDICATIONS:**

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

**PRECAUTIONS:**

Glacier™ Plastic is not recommended for bruxers.

**WARNINGS:**

Excessive heating time during thermoforming will cause plastic to over sag and potential for injury to operator.

Improper thermoforming of the plastic appliance may cause the appliance to crack/break, resulting in sharp edges, loose pieces and possible aspiration of pieces.

Patients with a history of allergic reactions to plastics should not use this product. Store plastic sheets in a cool, dry place.

Single use only. Risks of reuse include infection and cross-contamination to patient and healthcare provider as well as other wear-related irregularities.

**ADVERSE REACTIONS:** Allergic reactions.

## STEP BY STEP INSTRUCTIONS:

1. Glacier™ Plastic has a protective film on both sides of the sheet. Remove film from one side.
2. All models should be trimmed to  $\frac{3}{4}$ " high. Full arch models should have the palate trimmed away.
3. Pre-heat the vacuum machine for at least 3 minutes or until the heating element is a solid orange color. Heating times may vary with current fluctuations or length of time the heating element has been left on.
4. Place the plastic into the frame of the vacuum machine and the model on the base plate. Place a sheet of aligner material with film facing the heating element.
5. After pre-heating, swing the heating element over the plastic.
6. Observe the plastic as it heats.
7. Glacier™ Plastic should be heated until it sags approximately  $\frac{3}{8}$ " –  $\frac{1}{2}$ ".
8. Move the heating element away from the plastic.
9. Turn on the vacuum and lower the plastic over the model.
10. Let the vacuum continue to run until plastic is cool.
11. Trim, clean, remove blue film from occlusal portion of tray and finish the appliance as desired.

### **IMPORTANT:**

Pre-heat vacuum machine before using.

*See back for approximate heating times.*

Thickness	Vacuum Heat Time*	Biostar™ Code	Essix® SelectVac	Drufomat	ProVAC* 5" X 5" SQUARE
.030	25s	113	1m 25s	55s	30s
.035	30s	123	1m 30s	1m	35s
.040	35s	133	1m 35s	1m 5s	40s

- **Cool down time is 2 minutes (120 sec.)**
- **Storage Of Unused Thermoplastic:**

Place unused sheets back in the resealable zip-lock pack along with desiccant/silica packs.

*\* Heating time may vary depending upon machine. If plastic does not adapt to model, add heating time until adaptation occurs. If plastic "folds" when thermoformed, reduce heating time until material does not fold.*



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