



Essix C+[®] Plastic

DIRECTIONS FOR USE
INSTRUCCIONES DE USO
MODE D'EMPLOI
ISTRUZIONI PER L'USO
GEBRAUCHSANWEISUNG



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(Instructions for use on Essix® Vacuum Machines only)*

Intended Use:

Essix C+® Plastic is thermoformed to fabricate intra-oral appliances such as retainers, aligners for minor tooth movement, and bite planes. Essix C+® Plastic is especially suited for use with bruxers/grinders.

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.

⚠ 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.

Precautions:

Patients with a history of allergic reactions to plastics should not use this product.

Store 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. All models should be trimmed to $\frac{3}{4}$ " high. Full arch models should have the palate trimmed away.
2. IMPORTANT: Pre-heat the machine before using! 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.)
3. Spray the model with Trim-Rite® Release Agent to prevent the material from sticking to the model.
4. Place the plastic into the frame of the vacuum machine and the model on the base plate.
5. After pre-heating, swing the heating element over the plastic.
6. Observe the plastic as it heats.
7. During heating, Essix C+® Plastic rises toward the heat source, then becomes wavy as it lowers from the raised position.
8. The waves will start to flatten out into its original flat position - this is the optimal thermoforming time. Do not let Essix C+® Plastic sag.
9. Move the heating element away from the plastic.
10. Turn on the vacuum and lower the plastic over the model.
11. Push the plastic into each undercut with the Essix Accentuator® Tool.
12. Immediately spray the plastic encased model with Essix Freeze Spray® Coolant. Not only does it cool the plastic, prohibiting further thinning, but it "shrinks" the material around the cast, realizing a tighter fit.
13. Let vacuum continue to run until plastic is cool.
14. Trim and finish the appliance as desired.

*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.

Thickness	Vacuum Heat Time**	Biostar™ Code**	Essix® SelectVac®	Druformat
1.0mm (.040")	60 seconds	163	2:30	1:30

**after preheating element