

How to Create a Temporary Bridge

Use Essix® Pontics and Essix ACE® Plastic to fabricate quick and economical temporary bridges right in your office. No more flippers! Example shown is with Essix ACE® Plastic .040".

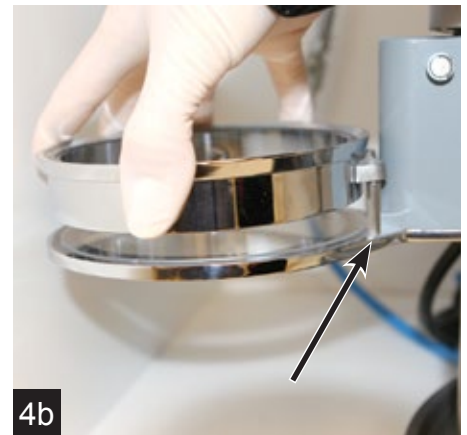
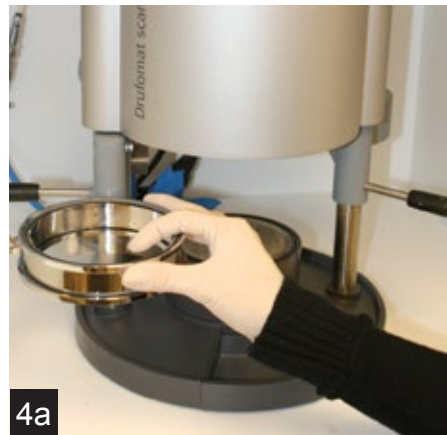
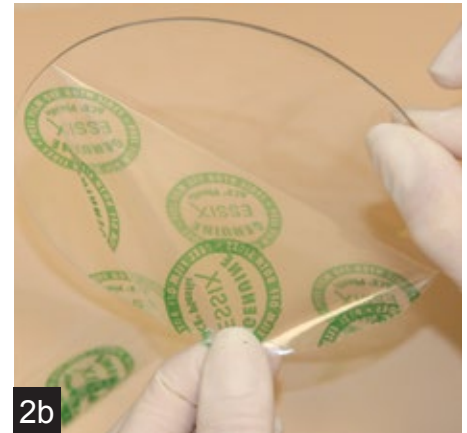
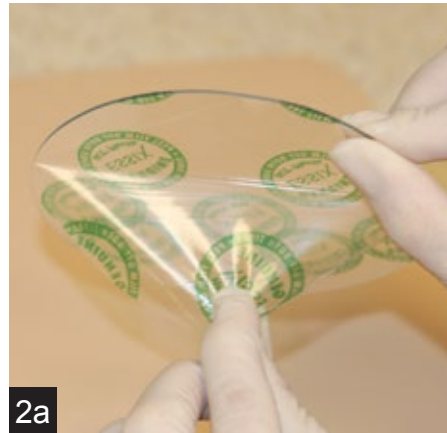
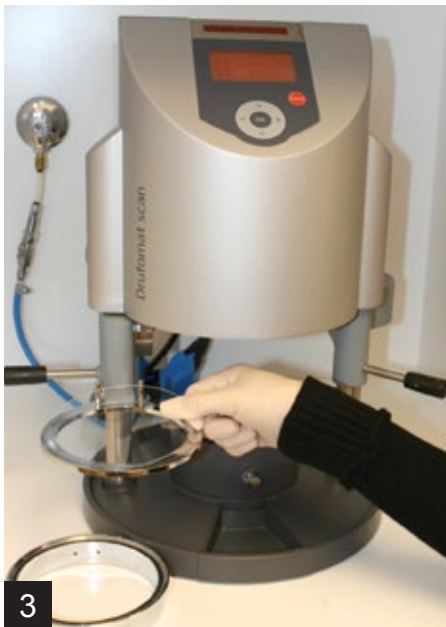
PREPARING THE WORKING CAST MODEL

- 1** Obtain an accurate working cast of the edentulous area. Select an Essix® Pontic of appropriate size and color, and fit into the edentulous area.
- 2** Trim the base of the Essix® Pontic to approximate the edentulous alveolar ridge.
- 3** Secure the Essix® Pontic on model with Triad® Gel Light Cure Material and light cure. (Do not use wax). The Essix® Pontic will be locked into Essix ACE® plastic by the horizontal groove on the lingual and gingival undercuts.



FABRICATION PROCESS

- 1 Start by turning on the Drufoomat Scan; the switch is located on the back left of the machine. There is no wait time for your Drufoomat Scan to heat up.
- 2 Remove both sides of the protective film from the Essix ACE® Plastic .040".
- 3 Lift the tension ring off the plate reception arm on the left side of the Drufoomat, and place the plastic on the plate reception arm.
- 4 Place the tension ring into the round pegs and secure over the plastic.



- 5 Place the model in the center of the base of the machine. NOTE: To avoid broken models, residue from stone and distortions, spray model with Trim-Rite® Release Agent.



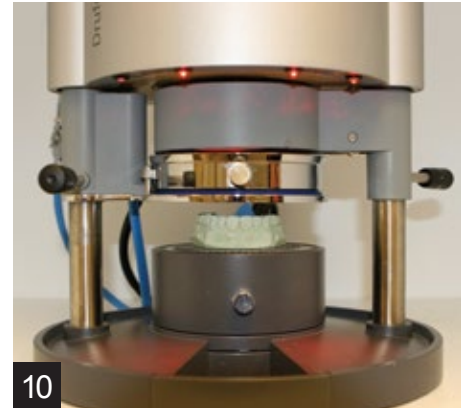
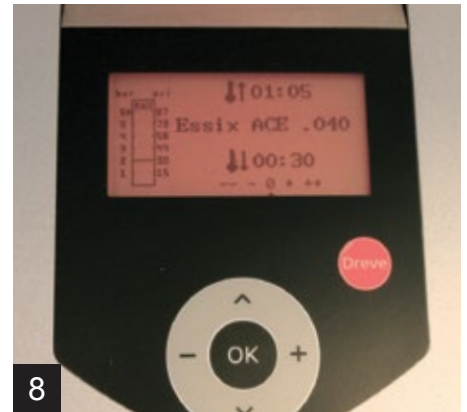
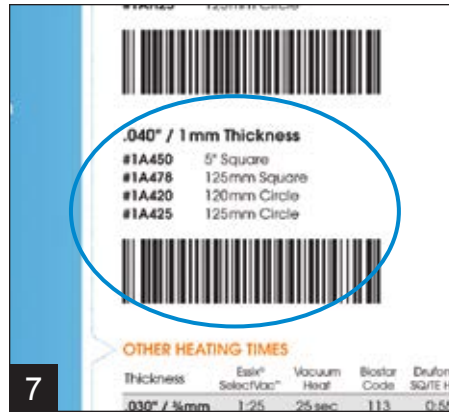
- 6 Align plastic and heating element over the model.

7 Scan the barcode for Essix ACE® Plastic .040" from the package or your Plastics Guide (shown at right).

8 Screen will read heating time 1:05 and cooling time 0:30.

9 Press the OK button.

10 The heat indicator lights will shine red at the base of the Drufoomat Scan indicating the heating process has started.



11 Once the heat time has expired, you will hear a long beep. Pull the lever on the right side (11b), moving the heating element away from the base of the machine. The lever is spring-loaded; be sure to pull past the point of tension and hold while simultaneously pressing the white button on the left side (11a) of the Drufoomat Scan. Once the pressure bar on the screen rises to level 2, you can release both the lever and the white button at the same time.



12 The cooling process has started. Once the timer counts down to zero, you will hear a short beep indicating that the cooling process is complete. Press and hold the white button on the left side of the Drufoomat Scan as the air releases and the chamber lifts from the model.

13 Remove the tension ring from the plastic. Remove your molded appliance from the machine.



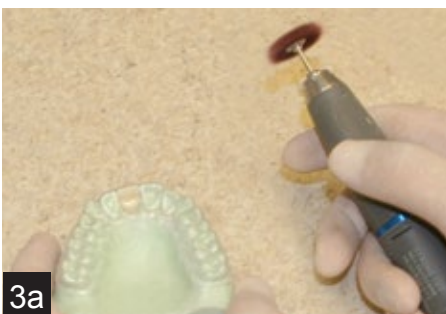
TRIMMING & POLISHING — Allow the appliance to cool to room temperature before proceeding.



1 Using a heat knife, lab knife or trimming wheel, trim the plastic 1 to 3mm above the gingival margin from both the lingual and labial surfaces. Then gently remove the appliance from the cast.

2 Use the acrylic trimming bur to remove rough material.

3 Use the fine polishing brush for a smooth finish.



- Materials used for Temporary Bridge:
- Drufoomat Scan (#3300)
 - Essix ACE® Plastic .040"/1mm 120mm circle (#1A420)
 - Essix® Pontics Set (#EPOO4-color)
 - Trim-Rite® Release Agent (#21004)
 - Precision Electric Heat Knife (#88550)
 - Polishing Brushes Combo Pack (#1898C)
 - Red Acrylic Trimming Bur (#MGTB-1)

Get to Know Your Drufomat Scan Pressure Thermoforming Machine

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