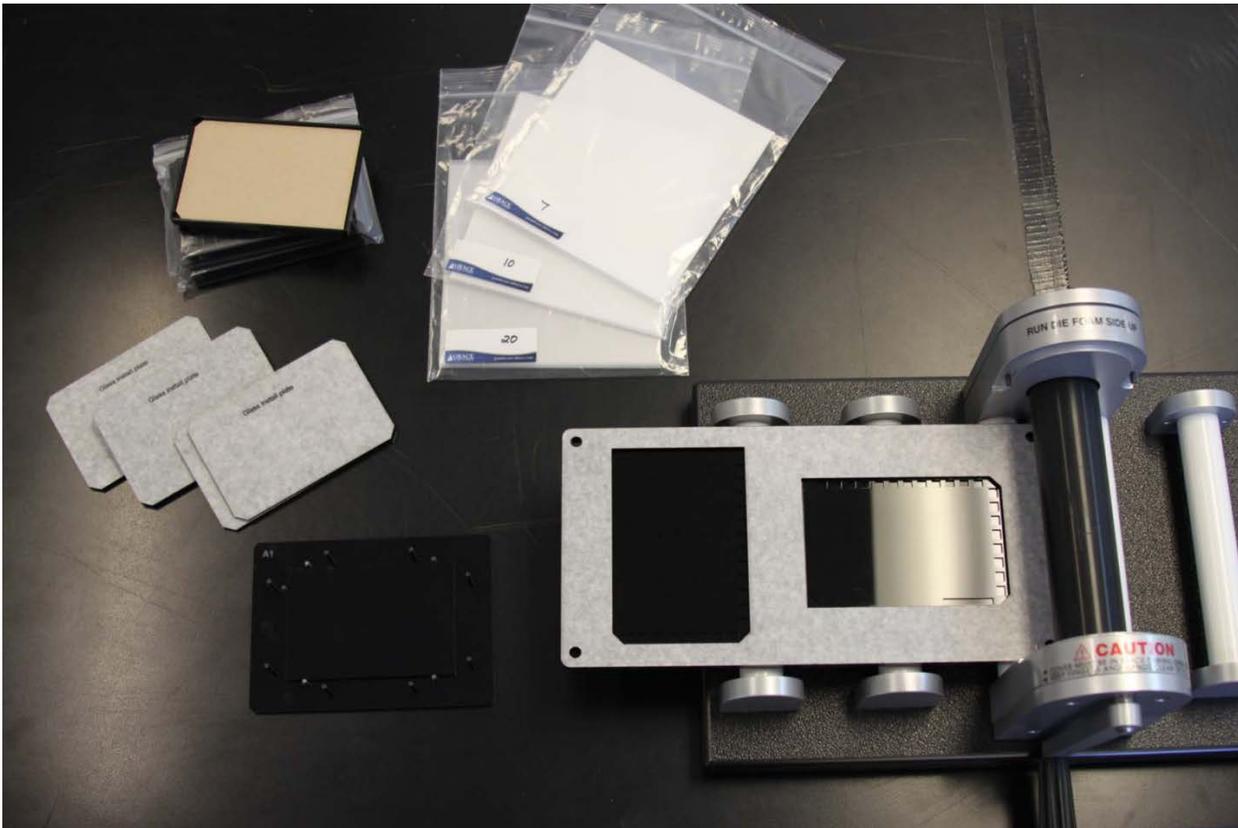


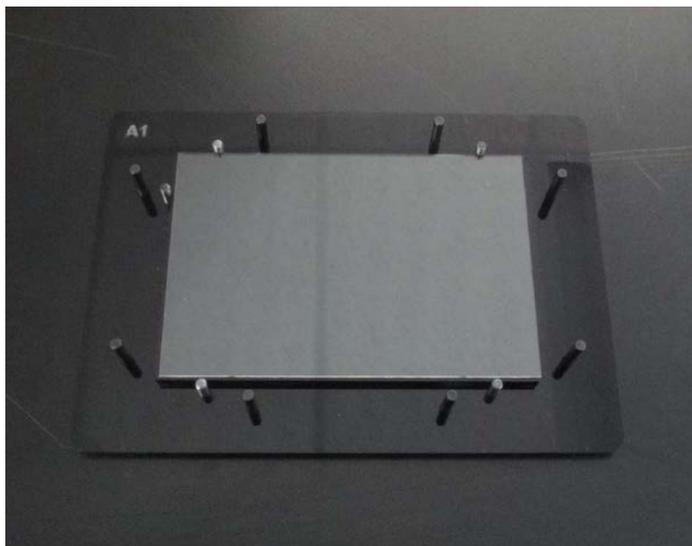
## MTP Application Protocol



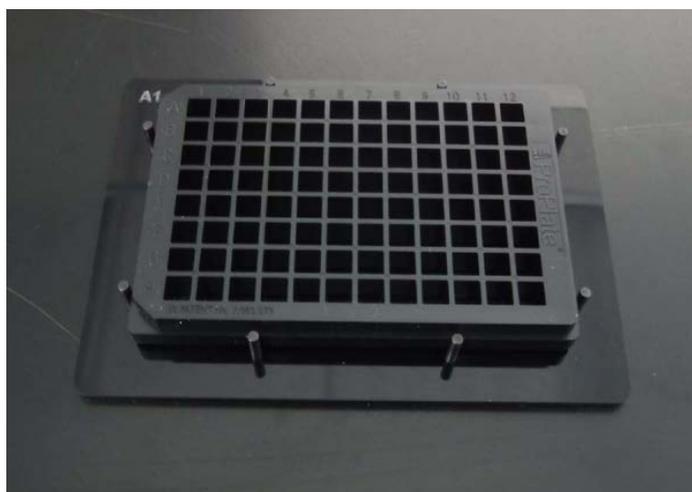
## Glass to MTP Application Protocol

- A. ProPlate MTP Item No. 204969
- B. "Glass Installation Plates" various thickness of acrylic 1/8", 3/16" C.
- C. Glass Plate "Alignment Fixture"
- D. Press Fixture
- E. Press Shims various thickness; 0.007", 0.010", 0.020"
- F. Press

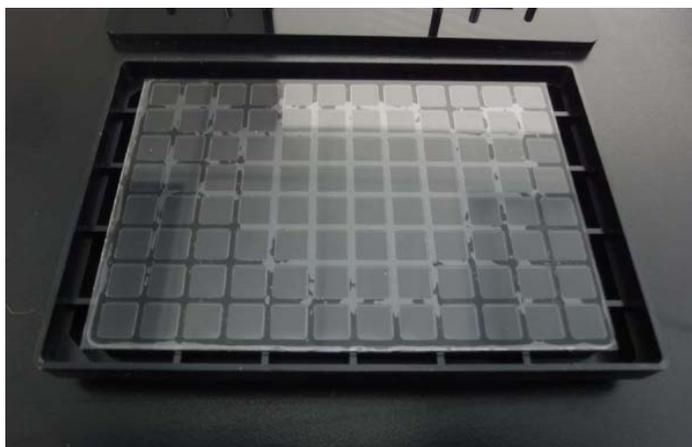
## MTP Application Protocol



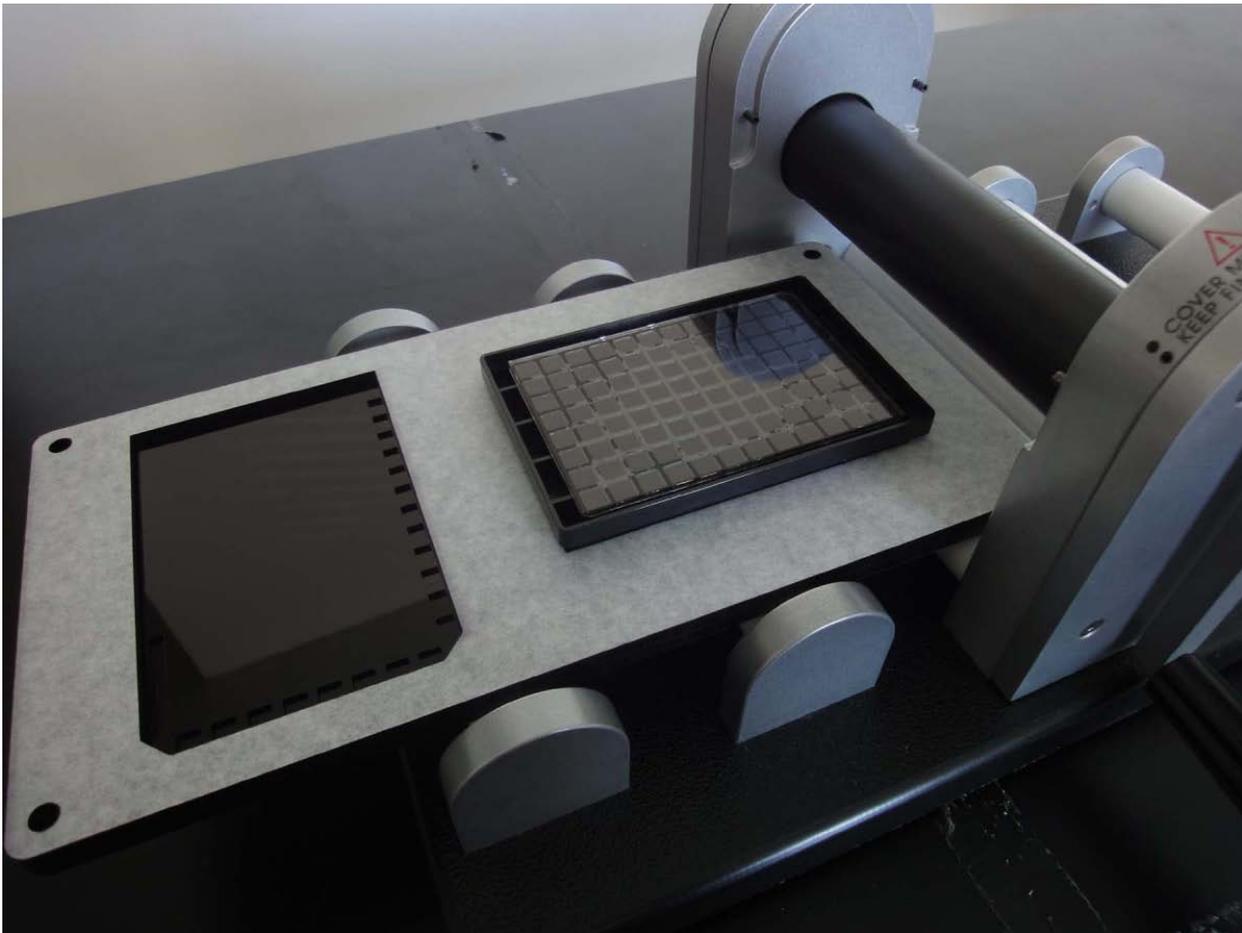
1) Place glass, “working surface” facing up, onto the alignment fixture. Push gently to locate up and left.



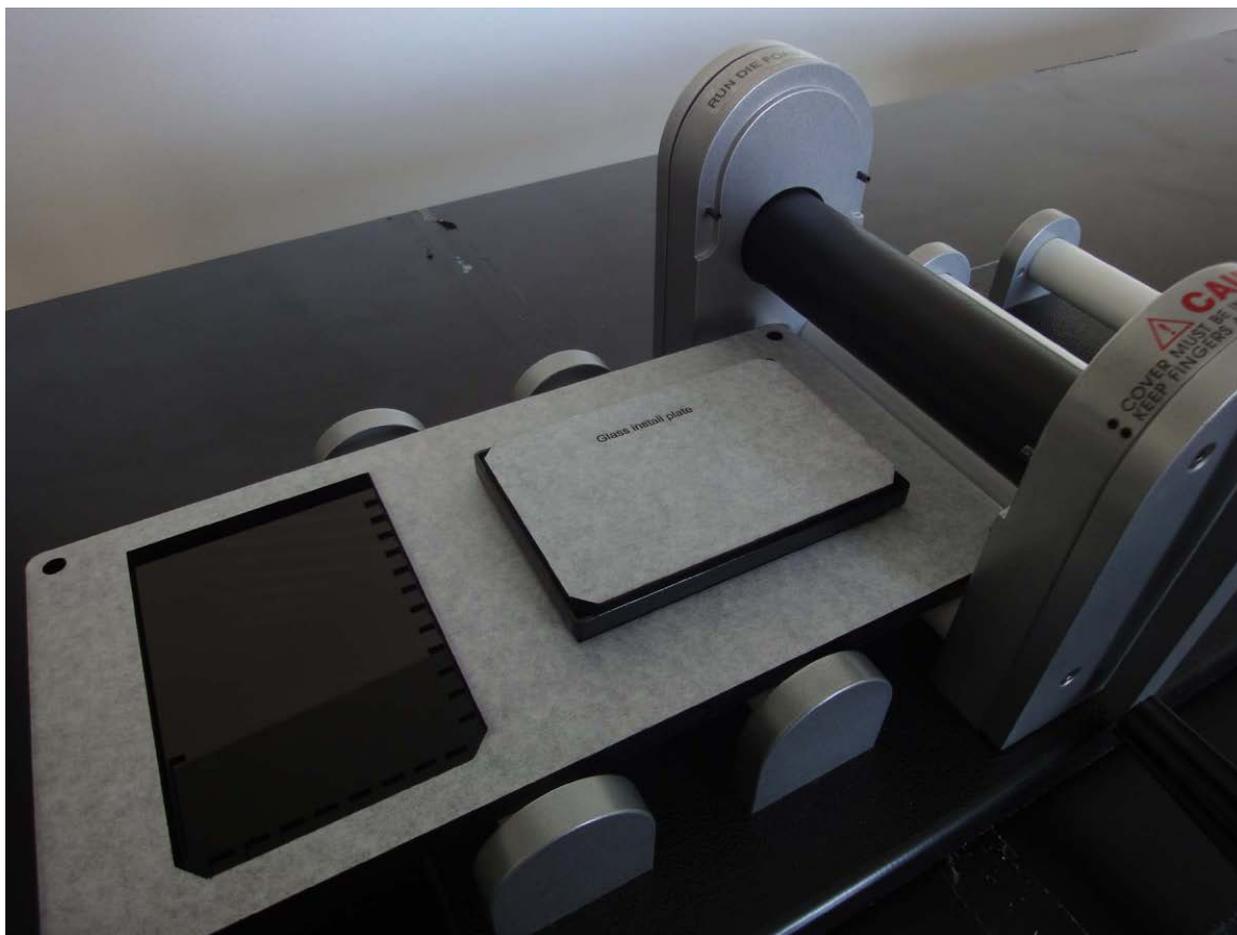
2) Using forceps, remove the liner and expose the adhesive on the ProPlate, lower evenly onto the fixture using registration pins and orientation to position A1. Use just enough pressure to form a bond between the ProPlate and the glass to facilitate “picking up the glass”.



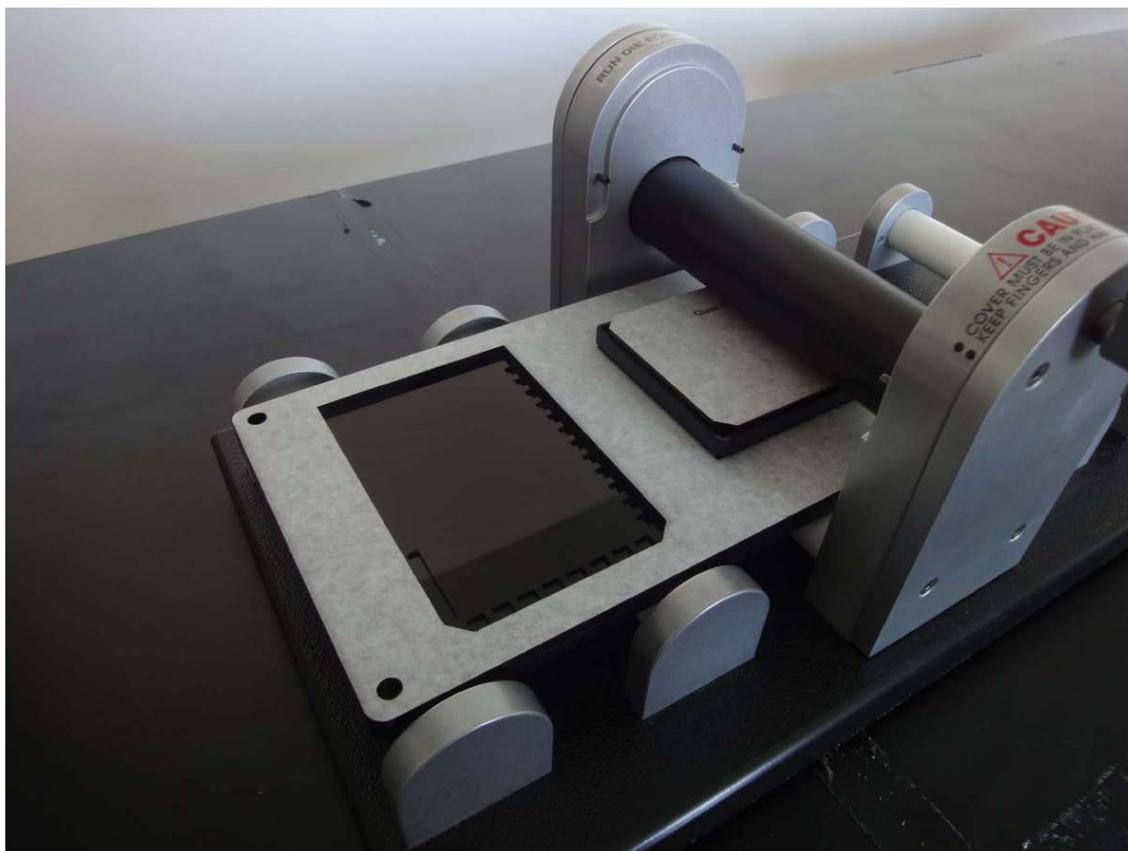
3) Flip the plate over and observe the quality of the bond. You should be able to see areas where the glass does not make contact with the adhesive as evidenced by air bubbles. In a “before and after” comparison this is “before”.



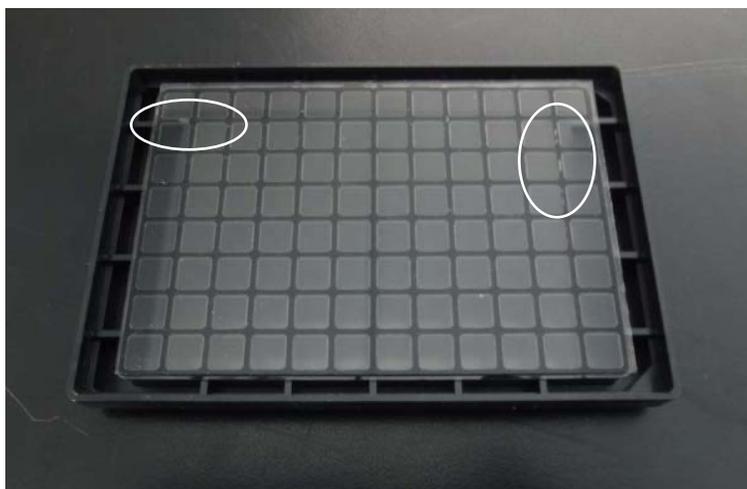
4) Place the MTP into the rolling fixture. Be sure that the “spacer” plate is located in each opening (arrow). The spacer plate prevents the raised printing on the molded surface of the plate from creating an un-even surface while the plate is being pressed.



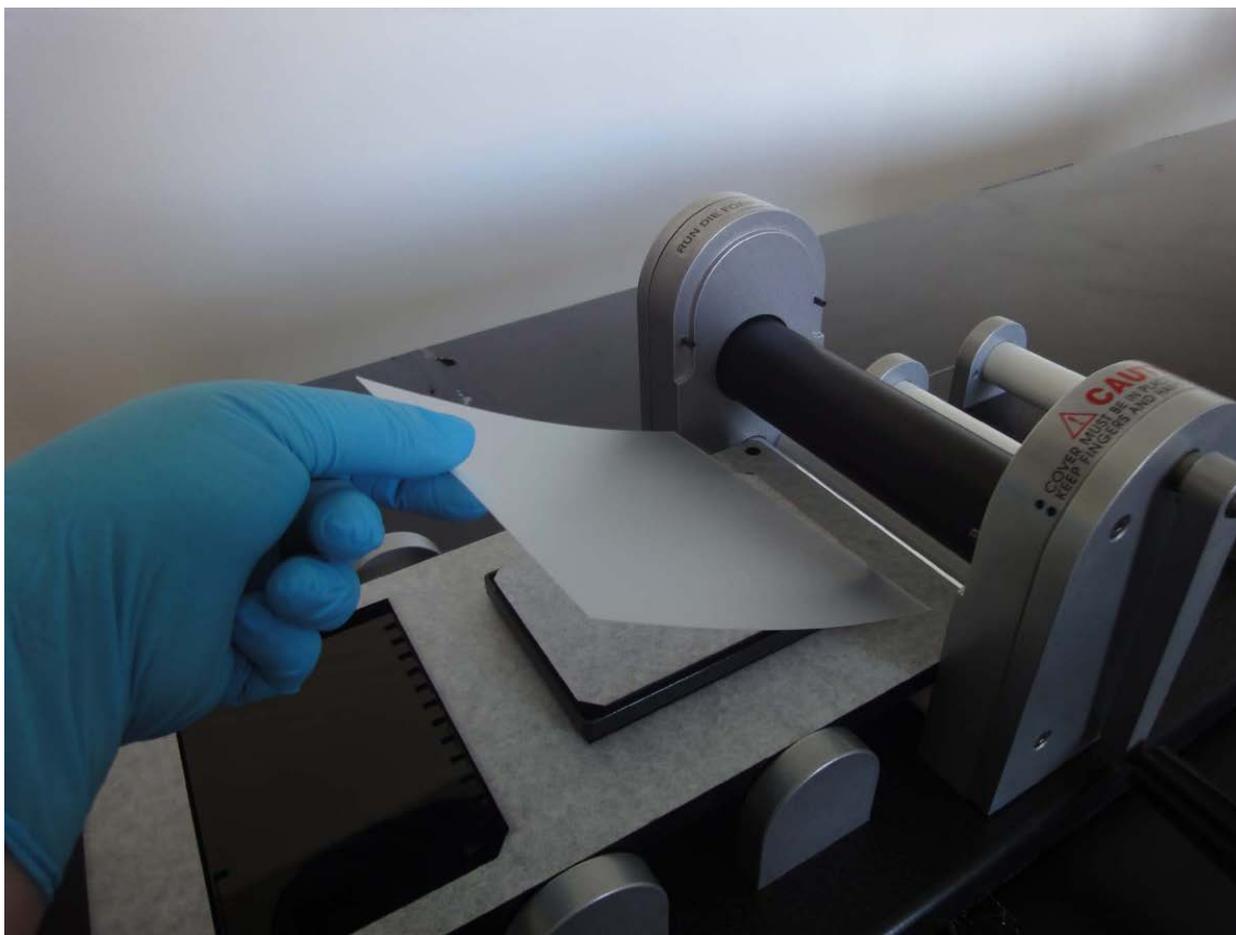
5) Select a “glass install plate” of an appropriate depth (one which will make contact between the roller and the plate without over-over-compression of the adhesive. Be sure that the surface of both the plate and the glass are smooth and clean. Place the glass install plate into the bottom of the MTP against the against the glass.



6) Slowly roll the assembly through the press



7) After rolling, inspect through the glass surface for quality of the seal. If, as shown above, air bubble are still present between the glass and the adhesive, more pressure is need to make an adequate seal (See Step 8).



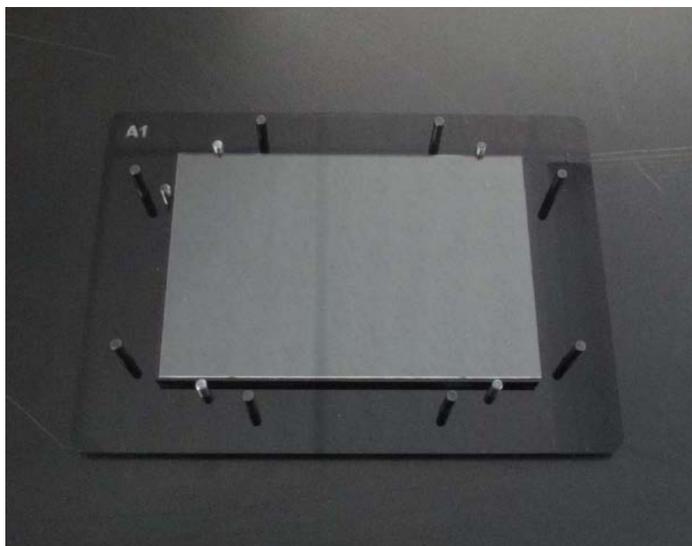
8) To increase rolling pressure, select a “shim” (start with the thinnest material) and place it atop the plate - re-roll until inspection through the glass indicates that no air pockets are visible in the locations previously inspected.



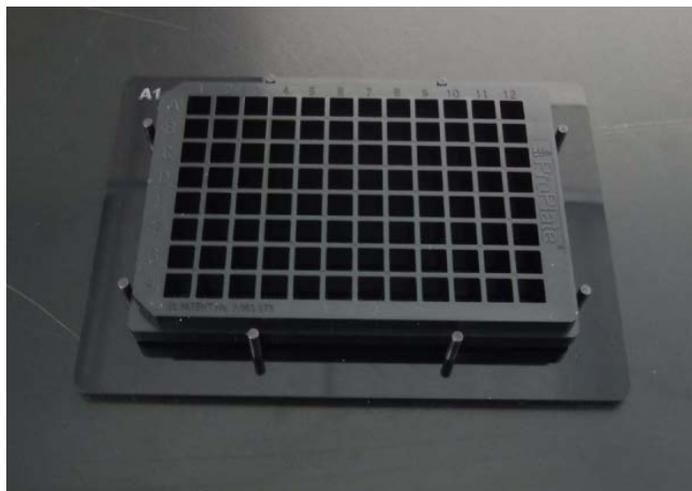
# MTP Application Protocol

## Method to Attach Plate Glass to MTP using hand roller

- A. Grace Bio-Labs MTP plate
- B. Glass Plate
- C. Hand Roller “Brayer” such as brand “Speedball”

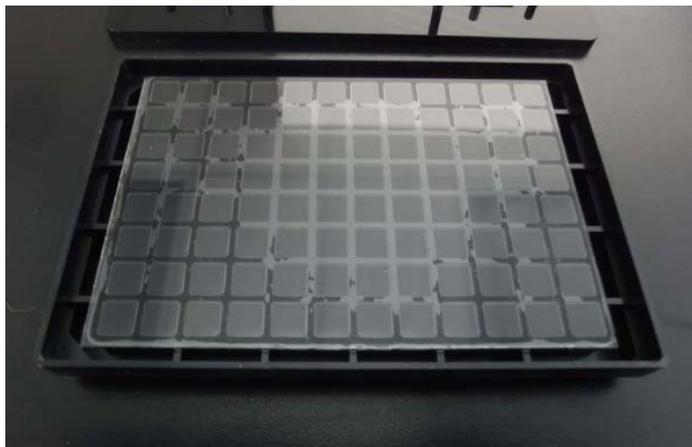


1) Place glass, “working surface” facing up, onto the alignment fixture. Push gently to locate up and left.



2) Using forceps, remove the liner and expose the adhesive on the ProPlate, lower evenly onto the fixture using registration pins and orientation to position A1. Use just enough pressure to form a bond between the ProPlate and the glass to facilitate “picking up the glass”.

## MTP Application Protocol



3) Flip the plate over and observe the quality of the bond. You should be able to see areas where the glass does not make contact with the adhesive as evidenced by air bubbles. In a “before and after” comparison this is “before”.

4) Place the MTP onto a firm surface with the glass side up.

5) Firmly roll the glass from the center towards the edge in all dimensions to create solid contact of the glass to the adhesive on the MTP.



6) Inspect at the glass adhesive contact areas- if air bubbles are observed at the contact areas, re-roll the area with the brayer to eliminate air.

