

TECH REPORT

115:

Single BioFlex[®] Plate Baseplate Assembly

Rev 1.0

Document: Single BioFlex[®] Plate Baseplate Assembly Tech Report

09-14-21

Culturing Cells in a Mechanically Active Environment™

Flexcell International Corporation • 2730 Tucker Street, Suite 200 • Burlington, NC 27215
800-728-3714 • (919) 732-1591 • FAX: (919) 732-5196 • www.flexcellint.com

COPYRIGHT © 2021 FLEXCELL[®] INTERNATIONAL CORPORATION



Assemble the single plate baseplate in the following order:

1. Insert Loading Posts (white) into the Loading Station (clear).



2. Insert assembled Loading Station into the baseplate.



3. Apply a liberal amount of silicone lubricant to the top and top edges of the six Loading Posts (circled in red). Ensure you reapply lubricant before each experiment.

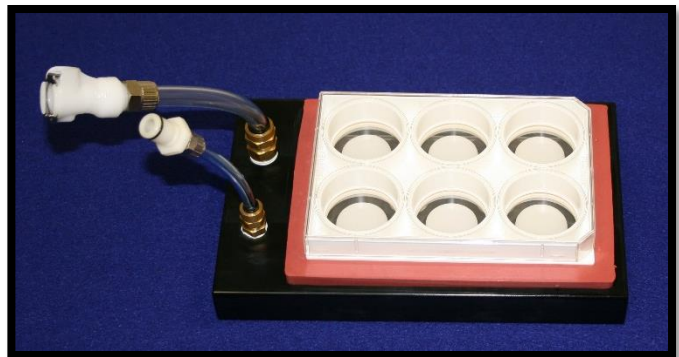




4. Fit the rubber gasket (orange) around the culture plate (white). The fit may be loose or tight, it varies among gaskets.



5. Insert the culture plate with rubber gasket into the baseplate, directly over the Loading Station. Ensure that the gasket is pressed firmly into the baseplate.



6. Apply weight to the top of the culture plate, 1 to 3 lbs is recommended.



Plates are now ready for tension application. Please see the Flex Jr. or Tension User Manual for further instructions on applying strain.