

1. Remove the poly liners from both surfaces and place the silicone atop a non-stick surface, a Kimwipe for example. Leaving a liner on one surface does not allow the silicone to conform to the shape of the glass surface and may result in a leak. Inspect the surface of the material that will be affixed to the isolator for particulates and if present, remove them using a piece of adhesive tape.
2. Place a glass microscope slide or coverslip atop the silicone gasket and press onto the glass to form a seal. Inspect the seal through the glass and press locally on the glass to remove any residual air pockets. Do not press on the silicone surface as this may deform the material, which can relax and break the seal to the glass. It may also be helpful when applying the glass to lower it at a 45-degree angle to gently squeeze out the air between the glass and silicone, taking care not to stretch the silicone.
3. Add specimen and/or reagent to isolated area. Handle the slide from the edges taking care not to contact the silicone gasket with your fingers as this may loosen the seal.
4. Prevent evaporation by gently placing in a covered dish.
5. Removing silicon isolators from glass slides and coverslips

Non-adhesive silicone isolators may be easily removed from slides or coverslips simply by peeling them off.

Adhesive silicone isolators can be removed from glass slides by taking them off slowly and carefully to avoid breaking the glass.

*Note: If your application requires the use of adhesive isolators, a glass slide is recommended in place of a coverslip (adhesive isolators cannot be removed from glass coverslips).*

Non-adhesive Silicone Isolators seal well to both wet and dry surfaces. The best seal is formed on a dry glass surface. Silicone Isolators may be adhered to themselves as a method to increase isolator depth.

Clean non-adhesive isolators for reuse by washing with detergent and water. Store clean and lint free.

Silicone surfaces may be "spot-cleaned" using a strip of adhesive tape.

*Silicone Isolators are intended for laboratory use only.*