



## Insertion Instructions for MDM Style EESeal® FilterSeals

**Warning:** The very high density of MDM Style EESeals and potential cutting action of the MDM connector's sockets make the installation more difficult than our standard EESeals. Please follow these instructions carefully and take your time. We recommend using some magnification the first time or two.

Since this EESeal is so small, a rubber tool is suggested to assist with installation, and may have been provided with your order (a pencil eraser from a mechanical pencil also works fine).

Begin installation by orienting the EESeal so the **EESeal** logo is down, and match the EESeal's shape with the host connector's shell.

**Important Note:** It is imperative that the EESeal be inserted "right side up" (with the **EESeal** logo down and no printing visible after it's inserted). The MDM connector is symmetrical about the vertical centerline and, thus, if an EESeal is incorrectly inserted with the **EESeal** logo up, it will not filter the correct pins or will not function properly.

Next, place the EESeal onto the MDM connector so the MDM sockets and the EESeal pinholes are roughly aligned. Now, simply start inserting the EESeal into the connector shell by pushing down with your thumb until it rests just over the MDM sockets. Do NOT try to seat it over the sockets with your fingers. First, verify that the EESeal is closely aligned with the MDM shell and sockets.

You are now ready to insert the EESeal onto the tips of the MDM sockets. Use the flat side of the rubber tool, starting at one end of the connector, to gently work the EESeal down over just the tips of the sockets – the sockets should barely poke through each corresponding hole in the EESeal. You may notice some very minor slivers of silicone trimmed from the EESeal's pinholes during this process, which is normal.

Once it's confirmed that the tip of every MDM socket is just poking through its corresponding hole in the EESeal, then the EESeal can be fully seated by simply using the mating connector to push it to the bottom of the host connector.

**Extraction:** MDM style EESeals cannot be extracted without damaging the EESeal. Use any dull probe to carefully reach under the inserted EESeal and slowly work it out. Slowly work it up the shaft of all sockets a little bit at a time, working around the perimeter. Do not try to pry the EESeal completely off some sockets when other sockets are still fully seated. Slowly working the EESeal out will minimize tearing and make it easier to get it out in one piece without leaving torn sections behind.

**Questions?** Please call (505) 243-1423 or email [EESeal@Quell.US](mailto:EESeal@Quell.US) for help.