

# IMT Solar

## Service Bulletin

Bulletin No: SB-0033-20-157-IMT      Effective Date: 06-05-2020      Type: Instructional

**Subject: IMT Back of Module temperature sensor adhesive tape failure**

### Scope

This service bulletin provides information on replacing the IMT Back of Module temperature sensor adhesive tape should failure occur and is applicable to all IMT Back of Module temperature sensors **with the exception of** the TModul 100 ohm Pt 4-wire sensor element.

### Background

In rare cases IMT Back of Module temperature sensors may experience failure of the adhesive tape used to attach the sensor. This can be caused by a number of issues, from improper surface preparation to inadequate cable support (which can place undue stress on the sensor, causing the adhesive to fail). Should failure occur, clients can request an **IMT back of module temperature sensor element adhesive repair kit** free of charge from IMT Solar. The repair kit contains new adhesive tape, alcohol wipes and complete instructions, which are outlined below.

### Procedure for removal of the old adhesive tape

1. Remove the old adhesive tape from the sensor with a scraper or other suitable tool. Avoid pulling the sensor cable during cleaning, otherwise damage to the contacts inside the sensor element can occur.
2. Remove any remaining tape residue with the provided Isopropyl Alcohol pads. Do not touch the cleaned mounting surface of the sensor prior to installation of the new tape.  
**Note: Do NOT use glass cleaner to clean mounting surfaces, as it may contain additives that can prevent proper adhesion.**

### Procedure for installing the new adhesive tape

1. Remove the white backing from the new adhesive tape and apply the tape to the cleaned surface of the sensor, ensuring there are no gaps or air pockets.  
**Note: Do not touch the adhesive surface of the tape.**
3. Using a dry cloth, firmly press the adhesive tape onto the sensor.
4. Cut off any excess tape with a pair of scissors.

### Procedure for reinstalling the sensor

1. Clean the surface where the sensor will be applied with the provided Isopropyl Alcohol pads. If any old tape or residue remains, remove it with a scraper or other suitable tool.
2. Once the mounting location is clean, remove the brown backing from the adhesive tape and mount the sensor, pressing it firmly into place.

For additional information or to order a repair kit, please contact IMT Solar at (716) 276-8466, [info@imtsolar.com](mailto:info@imtsolar.com) or visit us at [www.imtsolar.com](http://www.imtsolar.com) .