

# USING THERMO FAX PAPER TO ASSESS FLUX PENETRATION

## HOW TO USE THERMO FAX PAPER TO ASSESS FLUX PENETRATION DURING SPRAY FLUX OPERATION

- ★ **Before beginning the test, perform a full cleaning and service on the fluxing equipment**  
**Be sure that the flux to be used is from a sealed and unused container**
- **Wearing gloves, cut a piece of fax paper and align it with the area to be tested**
- **Use second PCB of the same dimension and place the fax paper between them**  
\*If a second PCB is unavailable, Kapton tape may be used but the results will lack precision
- **Tape the PCBs together at the edges; be sure not to interfere with the test areas**  
\*Thermal Fax Paper (TFP) can be useful in quantifying the location and amount of flux applied to a PCB in a wave solder application
- **Run test assembly through flux process**
- **Remove test assembly from wave machine after flux application and before preheating stage**
- **Separate test assembly and remove TFP**
- **Dark spots in the test area are evidence of flux contact**  
\*If there is no darkened pattern, review test assembly configuration for misalignment
- **Record fluxer settings directly on TFP**  
\*Include flux type and lot number, pressure, traverse speed, nozzle settings/type and all other adjustable settings

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