BlueRing Stencils uses a patented process for foil to mesh bonding called “Mesh Weld”. This process, using pressure, heat and a plastic edging, has eliminated the problematic epoxy bonds that are seen on traditional SMT Stencils frames. The Mesh Weld process has been proven to create a permanent bond with hundreds of thousands of stencils in the field without one recorded de-bond failure.

Mesh Weld is the New Industry Standard

This process allows the bond to be impervious to the most aggressive cleaning solutions that are standard in today’s SMT industry; including high-temperature cleaning, ultra-sonic, or even harsh chemistry. Mesh Weld has been the standard for mesh-to-foil bonding for the past seven years. Never worry about unexpected stencil failures that cause SMT process delays and ultimately cost money.