

Our wide variety of in-house, laser cut SMT stencils and stencil coatings work in conjunction with your solder to offer the highest quality print with minimal defects. We know the demanding nature of SMT Stencils so we have various manufacturing locations around the U.S. in order to deliver fast, quality stencils for the PCB Assembly industry.

FRAME & FOIL TECHNOLOGY

Fine Grain Laser Cut Stencils

- Superior aperture registration & repeatable paste release

Multi-Level Stencils

- Optimize control of print deposits
- EZ-step laser welded and precision milled step stencils
- Offers smoother walls than etching

Custom Frame Options

- Mesh Weld Frames use patented foil-to-mesh bonding
- Quick Tension Systems for stencil storage savings
- Mounted space saver frames

STENCIL COATINGS

The addition of hydrophobic nano-coatings to our stencil foils minimizes the ability of solder paste to stick to the stencil apertures and bottom side of the foil.

- Significant increase in transfer efficiency
- Reduced underside cleaning
- Improved paste brick definition
- Consistent print from board to board

High-Performance Stencil Coating



On-Contact Stencil Coating



SERVICE & QUALITY

Root Cause Analysis Service

- Identifies the root cause of yield problems
- Provides thorough analysis based on process variables
- We are an extension of your engineering department

Quality Control

- All plants have Automated Optical Inspection (AOI)
- QC includes aperture registration, sizing & wall quality
- ISO 9001:2015
- ITAR Registered

Contact your BlueRing Stencil Representative Today!

1-866-763-3873

