

Contact your BlueRing Stencil Representative Today!

1-866-763-3873



#### NEW JERSEY

140 Mt. Holly By-pass, Unit 10  
Lumberton, NJ 08048

- BlueRing Stencils Headquarters
- Laser Manufacturing
- Electroforming
- EZ-Step
- NanoSlic Coating
- Large Frame Capability

#### TEXAS

10827 Alder Circle  
Dallas, TX 75081

- Laser Manufacturing
- NanoSlic Coating

#### FLORIDA

715 North Drive, Suite C  
West Melbourne, FL 32934

- Laser Manufacturing
- NanoSlic Coating

#### CALIFORNIA

675 Trade Zone Boulevard  
Milpitas, CA 95035

- Laser Manufacturing
- NanoSlic Coating
- Milled Steps

#### INDIANA

2248 Research Drive  
Fort Wayne, IN 46808

- Laser Manufacturing

#### NEW HAMPSHIRE

98 Old Derry Road  
Building B: Units 3 & 4  
Hudson, NH 03051

- Laser Manufacturing
- NanoSlic Coating
- Large Frame Capability

#### COLORADO

1309 North 17th Avenue  
Greeley, CO 80631

- SMT Testing Laboratory

Customer Service Hours 7:30am to 9:00pm EST

[WWW.BLUERINGSTENCILS.COM](http://WWW.BLUERINGSTENCILS.COM)

# BlueRing

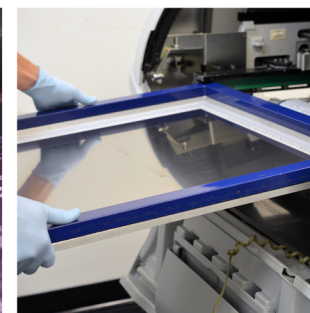
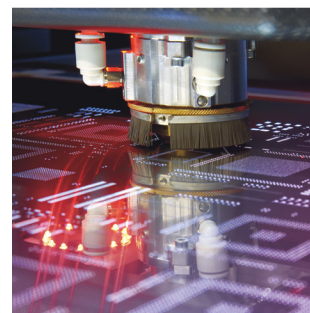
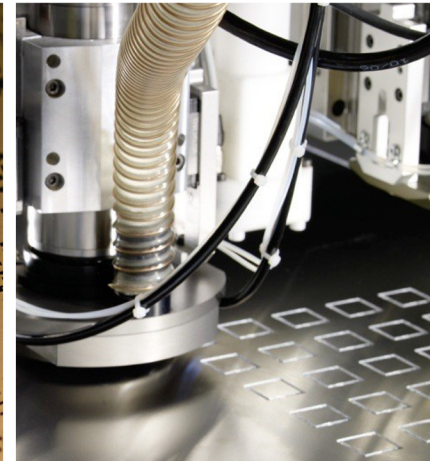
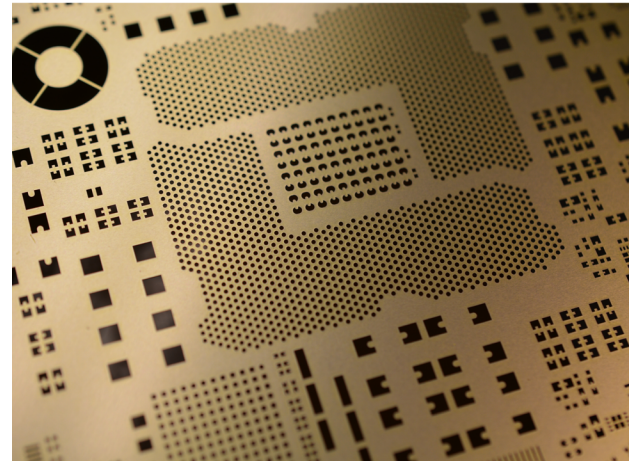
## STENCILS

An ISO 9001:2015 Company

## High Quality Laser Cut SMT Stencils

Stencil Coatings, Custom Frames & Steps for Paste Volume Control

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.

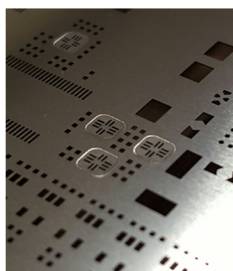




The NanoSlic® stencil is the most advanced solder paste stencil available today. Our coating was developed to achieve a durable, paste repelling coating that improves stencil printing significantly. The nano coating is bonded and conforms to aperture walls regardless of size or geometry. The NanoSlic® stencil improves paste release, enabling high yield printing at low SARs (surface area ratios). NanoSlic® has a robust surface that stands up to repeated cleaning.



Our revolutionary laser welded E-Z Step stencils are used to facilitate an increased or decreased amount of solder paste volume and to deposit a specific brick height on selected PCB areas where you have mixed component technology, large ground pads, intrusive reflow or areas with co-planarity issues. This is a completely new step technology only utilized by BlueRing Stencils.



## CAD-matic

CAD-matic is a dedicated stencil and pad design tool. This powerful tool delivers all the features needed for complete control of your solder paste stencil creation, modification, verification and reporting. Powerful enough to provide automatic detection and conversion of components using Footprint Libraries and Shape Sets, yet flexible enough to handle unusual data. Cad-matic gives you full command over your solder paste stencil design requirements.



Faster Turn Time



Less Human Error



Area Ratio  
Rule Check



Saves & Stores  
Complex Edits

## Root Cause Analysis

Root Cause Analysis identifies the root cause of yield problems and provides proven solutions for yield improvement. This service is unique to BlueRing Stencils; no other stencil manufacturer offers this comprehensive value added service. In combination with decades of engineering experience, we utilize proprietary analysis software that enables BlueRing Stencils engineering team to diagnose and fix SMT yield problems anywhere in the SMT assembly process.



Identify the root cause  
of yield problems



Accurate and  
thorough analysis



Comprehensive  
reports



Significant increases  
in assembly yields