BlueRing STENCILS

Cutting Edge Printing Technology

Innovations are Built, not Bought!

Introducing the Next Generation NanoSlic Gold Stencil Coating

nanoslic® GOLD

Our continued research and development of NanoSlic Gold has led to a breakthrough in durability and longevity characteristics. NanoSlic Gold Stencils will now be manufactured using a New Patented Surface Modification Process which offers our industry leading surface and aperture functions but now with extended coating durability.

We know our customers print in tough and high-volume conditions, so we have developed the next generation of NanoSlic Gold to perform in ANY condition.

10X

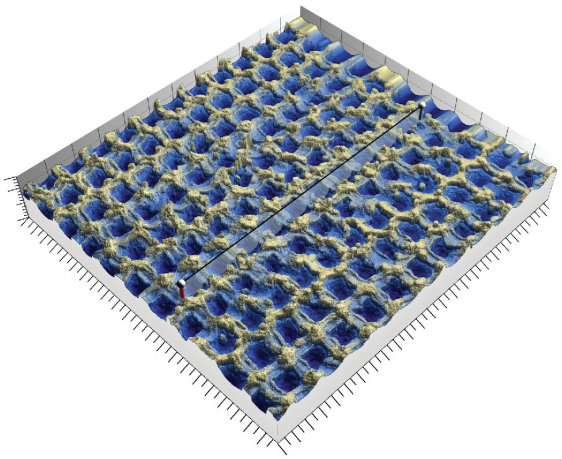
Same Name...
Same Price...
10X Coating Durability

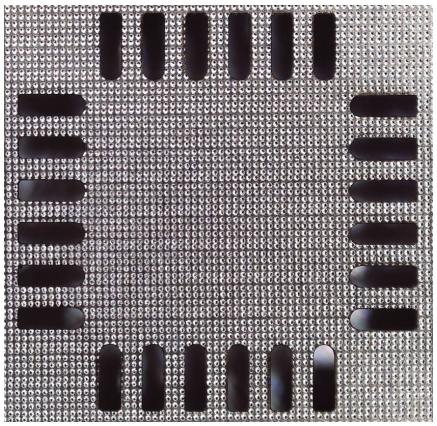
Industry Leading
Transfer Efficiency at
Low Area Ratios

Always Decreases
Coefficient of Variation
in Your Print Process

Surface Modification Process NEW

By selectively modifying the stencil foil, prior to coating the stencil, we have extended the durability of the coating 10 times. Our new patent pending process increases the surface area of the foil around the apertures by 50% and now takes 10 times the shear force to remove our coating.





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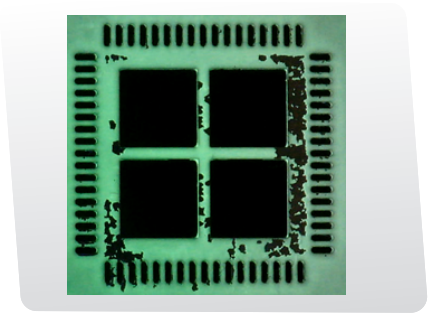
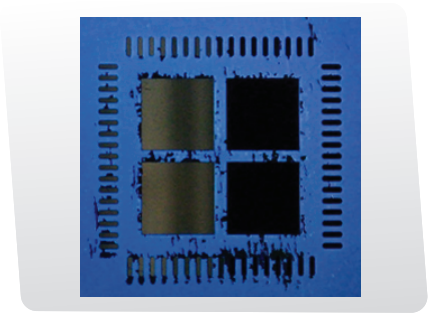
The Proof is in the Print

High-Volume Printing - 100,000 Print Cycles

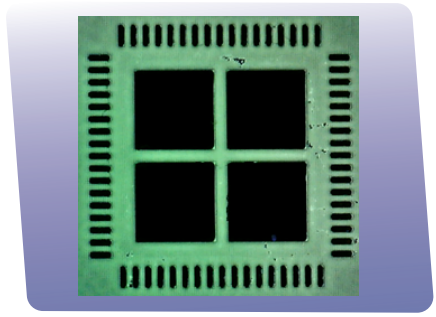
Current NanoSlic Gold Process



Leading Competition



New Surface Modification Process



Frequently Asked Questions

Q Does the new surface modification affect fiducials?
A Yes, it actually enhances the contrast and makes the fiducials easier to read/scan.

Q Does the new process affect aperture side walls and/or aperture size?
A Aperture side walls and aperture size are unaffected.

Q Does the new process have any affect on the environment?
A This is a green process with no effect on the environment.

Q How much thinner is the foil because of this process?
A The stencil is not measurably thinner.

Q Will the print definition be impacted by the surface modification?
A Print definition is not altered and you can expect industry leading transfer efficiency benefits.

Q Since the surface of the metal has been modified, will the printing surface be uneven?
A No, the coating "self-levels" the printing surface during the coating application process.

Q When will this new process be available at my local facility?
A We are rolling out the new process to all of our facilities this year. **Please contact your local sales rep for availability.*

Q Does the new process increase the lead time?
A We are still able to offer same day turn times. **Exclusions apply, please contact your local sales rep for details.*

Q Why did you make this change to the process?
A We continue to develop NSG to address long-life, durability and high-volume printing concerns.