



QUALITY

EXPERIENCE

DEPENDABLE

SOLUTIONS

Our Stencil Team is led by over 40 Years of Stencil Design experience. Our State of the Art Fiber Lasers provide the smoothest and most accurate cuts in the industry, without any post processing. Our automated editing led by GenStencil, including DFM Tools, to verify every stencil meets your unique needs. We have lasers in Tampa and Huntsville and our team is ready to serve you.

AGI is now a franchise of DEK Stencils. By integrating DEKs proven manufacturing processes, quality control procedures and supply chain, we will produce a stencil that will maximize throughput and yields. AGI's proven track record of quality products and on time delivery, partnered with DEKs technical expertise, will ensure a quality product delivered to meet your needs.

Check Out What Our DEK Stencil Laser Has To Offer:

- Mesh Mount, VectorGuard, and other frameless Technologies.
- Laser Cut Stainless Steel Phd and Fine Grain, 3D Machine Etched Steps and Electroformed Nickel Stencils.
- 150W, Air Cooled, Diode Pumped Solid State Laser with 19 μ m beam Diameter.
- 24 hour turn times for Laser Cut Stencils!
- Industry Standard and Customizable Libraries which ensures all modifications are done correctly.
- Stencil thickness: 50 μ m-400 μ m (2mil-15mil).
- Cutting accuracy: +/- 5 μ m over entire print area
- Input data: Gerbers, HPGL, DPF, or AGI can scan direct from PCB.
- DFM analysis ensuring proper aspect ratios for paste release for each and every stencil.
- 100% inspection, post manufacture, with ScanCad.



AGI is a Licensed Distributor of DEK Consumables



Nano Clear



Fabric Rolls



**Under Stencil
Cleaning Fluids**

Fine Grain Stainless Steel

This metal is a further refined Stainless Steel that reduces the grain size from 25 to 2 microns. Fine Grain SS has superior fatigue strength, super smooth surface and elevated wear factor. It also has all the benefits standard SS such as excellent flatness and the ability to be half-etched without distortion.

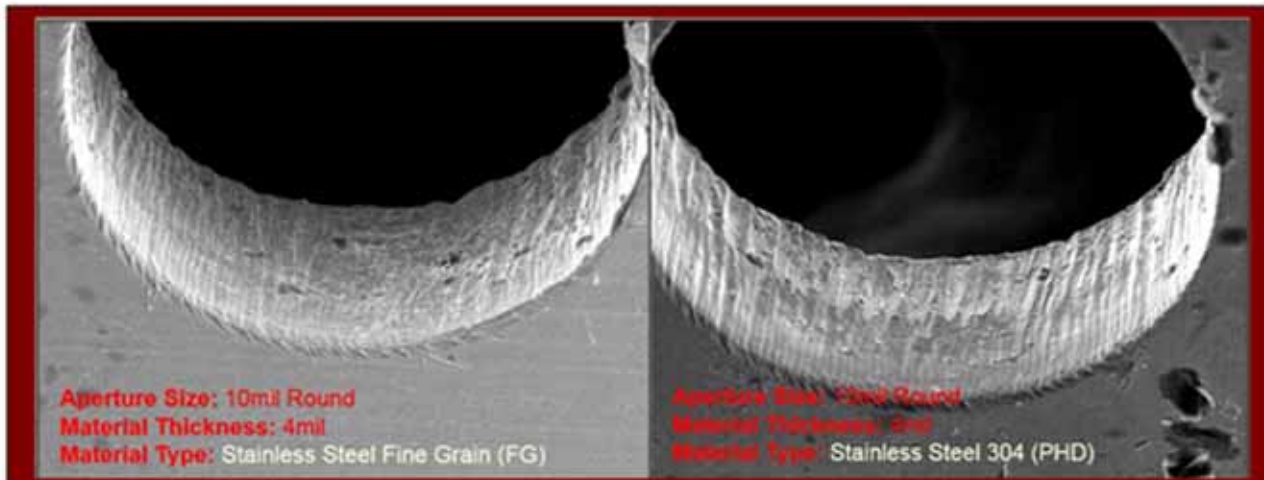


Photo courtesy of Nextek, Inc., Madison AL

As you can see in this comparison, much finer features and smoother walls are achieved using the Fine Grain versus the Standard Stainless Steel.

Laser Cut using Compressed Air

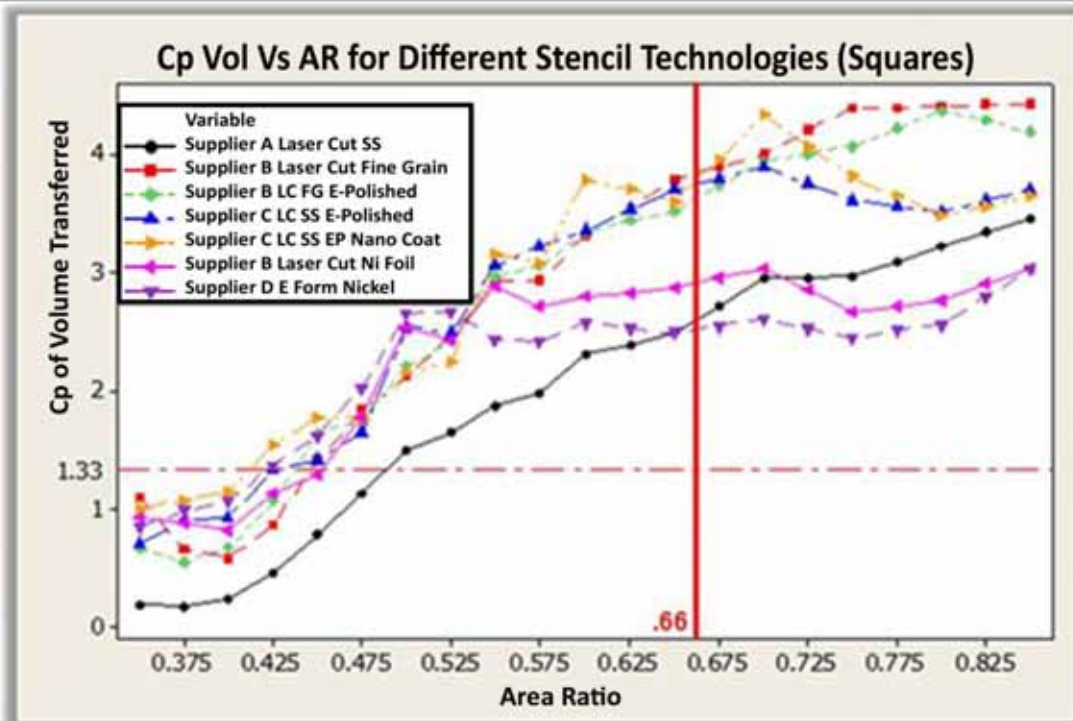


Chart and Analysis courtesy of ASM Assembly Systems

The above chart compared several different stencil technologies in comparison to different area ratios of pads and how well they transferred paste at those areas. Fine Grain is the red line and can easily be seen that it performed well at nearly every level.

Ultra-Fine Pitch (UFP) ECO Understencil Cleaning Roll

Try the new UFP ECO cleaning roll!

It's hydrophilic properties provide fast wicking, as the solvent is delivered to the bottom of the stencil instantaneously so that cleaning is more effective. The UFP roll is essential for effective cleaning of ultra-fine pitch apertures. Environmentally friendly, chloride free, and recyclable as well.



Online Ordering made easy!

Ordering is now easier than ever. Try out our integrated online order form by visiting www.agicorp.com and going to Customer Area to order your stencils quick and easy. Go through the simple drop downs to customize your order and anything else you need us to know you can put into additional instructions box.

We are also ITAR certified. We have a secure upload process and connection if any files that are sensitive need to also be uploaded with an order.

AGI Stencil Order Form

This is your form description. [Click here to edit.](#)

COMPANY	<input type="text" value="ABC Corporation"/>	(Customer Name)
CONTACT	<input type="text" value="John Doe"/>	
Email	<input type="text"/>	
DUE DATE	<input type="text" value="12 / 30 / 2015"/>	
<small>MM / DD / YYYY</small>		
PO NUMBER	<input type="text" value="TBD"/>	
MATERIAL	<input type="text" value="SS Phd (Standard)"/>	
MATERIAL THICKNESS	<input type="text" value="125u/0.005"/>	
SIDE	<input checked="" type="checkbox"/> Top Side <input type="checkbox"/> Bottom Side <input type="checkbox"/> Top & Bottom (Dual Image Stencil) <input type="checkbox"/> Special Instructions	
APPLY NANO	<input type="radio"/> Yes <input checked="" type="radio"/> No	
FRAME SIZE	<input type="text"/>	
FIDUCIALS	<input type="text" value="Half Etched (Bottom PCB)"/>	
LEAD FREE		

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