



Press Release

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Licensed Stencil Manufacturers Feature Florida CirTech's NanoSlic Coating

Introduced to the electronics market in 2014, NanoSlic is a proprietary thermoset polymer coating that renders metals, glass and polymers hydrophobic and oleophobic for improved protection and performance. FCT has developed not only the breakthrough chemistry, but also the equipment and application process that provide a turnkey stencil coating solution, NanoSlic Gold. Though used in multiple markets (www.nanoslic.com) for various safeguarding purposes, for electronics assembly applications, NanoSlic-coated stencils dramatically improve printing performance.

Florida CirTech has signed on two NanoSlic Stencil Coating licensees in North America, Fine Line Stencil (FLS) and Metal Etch Technology (MET). The licensees are required to use the NanoSlic Stencil Coating System developed at Florida CirTech's Innovation Center in Cincinnati, OH. This system offers a more efficient and effective process for coating stencils, incorporating a number of proprietary features specifically designed around NanoSlic's unique chemistry.

"NanoSlic has quickly emerged as the most robust stencil coating technology for modern electronics assembly processes," says Brent Nolan, Vice President of FCT Assembly. "As apertures become smaller – and area ratios more challenging – new techniques are necessary to accommodate the material deposition obstacles of miniaturization". Because of its novel chemistry and its ability to coat both inside the aperture walls and the stencil underside, NanoSlic is enabling transfer efficiency improvements of as much as 40%, while reducing required under-stencil cleaning frequency for both cost savings and greater process stability.

You can discover more about Florida CirTech's unique coating technology at Fine Line Stencil's Booth #1139 or MET's Booth #1460.

For more information or to schedule an appointment, send an e-mail to jglanzer@fctassembly.com.



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About Florida CirTech

Established in 1991 in Sarasota, Florida as a chemistry company serving the printed circuit board manufacturing and metal finishing industries, Florida CirTech has enjoyed substantive market share growth, with noteworthy success in North America. The company moved its headquarters to Greeley, Colorado in 1996 where it now resides in a 30,000 sq. ft. manufacturing, sales and R&D facility. Florida CirTech manufactures waste treatment, developing, stripping, etching and metal finishing chemistries and is ISO 9001 certified. www.floridacirtech.com.

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