

New Advanced ITO Film From 3M Provides Alternative Solutions for Touch Screen Manufacturers

Company's New Advanced ITO Film Delivers Excellent Optical Quality, While Addressing Capacity Manufacturers Need to Meet Growing Market Demand

3M Electronic Solutions Division today announced the launch of its new unpatterned indium tin oxide (ITO) film that offers an alternative source for high-quality, high-volume touch sensor films. The film can be used in touch-enabled electronic devices, such as smart phones, tablets, notebooks and all-in-one (AIO) computers. Specifically, the new 3M™ Advanced ITO Film can help touch panel manufacturers and integrators to achieve production targets and meet growing consumer demand for the touch screen market, which is forecast to have a 19.5% compound annual growth rate from 2013 to 2016, according to IHS iSuppli Electronics & Media—with an uptick in demand since the Windows 8 launch.

The etchable touch sensor films offer excellent optical transparency, high conductivity and product quality at competitive prices. 3M plans to ramp up its total global touch sensor film manufacturing capacity to more than 600,000 square meters per month in 2014, which includes 3M™ Patterned Silver Nanowire Touch Sensor Film, 3M™ Patterned Metal Mesh Touch Sensor Film and 3M™ Advanced ITO Touch Sensor Film.

“Touch panel manufacturers now have a competitively priced alternative supplier for high-performing, unpatterned ITO films,” said Erik Lood, marketing manager, 3M Electronic Solutions Division. “3M brings to the market high volume manufacturing and more than 20 years of experience in touch sensors. We are excited to offer the industry increased capacity by utilizing 3M’s manufacturing facilities in new ways.”

The advanced ITO film from 3M exhibits low electrical resistivity, less than 150 ohms per square—enabling multi-finger, multi-touch applications. With demonstrated sensors at up to 46 inch diagonal, the film is suitable for small and larger format touch modules. The films are made of a flexible material that can be conformed to gently curved surfaces, enabling rounded designs.

About 3M Company, Electronic Solutions Division

ESD is a leading provider of advanced electronic thin substrates and sensors, components and comprehensive systems for enhancing and managing electronic signal properties. The products help customers in consumer electronics, touch panels, enterprise and networking, industrial and factory automation, semiconductor and component markets worldwide. Learn more at: <http://www.3Melectronics.com>. Information about 3M Company is available [online](#).

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Photos/Multimedia Gallery Available: <http://www.businesswire.com/multimedia/home/20131217005477/en/>

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M Marketing Manager Erik Lood (Photo: Business Wire)

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M Advanced ITO Film - patterned (Photo: Business Wire)

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