

Press Release

For Immediate Release

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E3 Displays Announces New Optical Adhesive for LCD Bonding

New optically superior adhesive offers increased bonding performance, superior optical clarity (“non-yellowing”) and improved protection through inherent compliancy (softness), thereby absorbing stresses induced by thermal or mechanical loading.

Phoenix, Arizona, December 18, 2008

E3 Displays’ (E3D) new adhesive was developed for the protective bonding of material to LCD displays and provides ruggedization and superior performance while improving production efficiencies. The adhesive’s ability to bond glass and withstand wide temperature ranges, while retaining compliancy and optical clarity, results in optimal LCD protection in extreme conditions. The non-silicon based adhesive is UV curable with very short bonding times, resulting in production methods previously unavailable in LCD bonding. Multiple variations of the adhesive allow for a wide range of applications.

E3D’s adhesive has been successfully tested in temperature ranges from -55 °C to 100 °C with no decrease in adhesion performance or optical clarity, and reduced stress to the LCD structure. Likewise, long term solar aging and humidity testing showed no degradation in the adhesive’s bonding ability or clarity (no “yellowing” or cloudiness). This bonding agent is particularly well suited for the avionics, military, marine and industrial sectors of the LCD display industry.

About E3 Displays

E3D is a display engineering and manufacturing company which works with OEM/ODM customers in the avionics, marine, military, industrial, automotive and medical electronics industries to define, design and produce customized flat panel display systems and components.

Display enhancements include the complete re-design of the backlight optics system, integrating electronics and mechanical assemblies, and improving the front screen performance using anti-reflective, anti-glare or EMI filter glass or incorporating touch panel technology. Production of such enhanced displays has resulted in the engineering and development of non-silicone based, UV curable adhesives possessing superior optical clarity and “non-yellowing” characteristics.

For more information regarding E3 Displays and its products, please see their website at www.e3displays.com or contact Rob Tomasek, Vice President, at 602-288-9758.