

3M News

FOR IMMEDIATE RELEASE

3M Announces Family of Transparent Conductors

New Suite of Products Provides Breadth of Performance Options

SEATTLE – SID, Booth #339 – May 25-27, 2010 – 3M today announces a new portfolio of 3M Transparent Conductors used in consumer mobile devices for electromagnetic interference (EMI) shielding and touch sensor applications. The portfolio provides designers and engineers a range of solutions to address the increasingly demanding construction of electronic devices by alleviating EMI interface issues and improving touch sensor performance, ultimately bringing products to the market faster.

The 3M family of transparent conductors gives designers and engineers the ability to choose their product based upon their need for optical clarity and sheet resistance. The product portfolio has been developed to exceed current optical and transparency expectations, improve performance against EMI interference, and fit a variety of needs.

“The new family of Transparent Conductors from 3M supports increasing industry demands for thinner and thinner devices that have an increasing amount of sensors and radiation interference,” said Bret Haldin, business development manager at 3M Electronics Markets Materials Division. “In addition, we are developing patterned conductors on flexible substrate that provide outstanding performance over existing products.”

3M Transparent Conductors are available in non-patterned electrically conductive/EMI shielding films and, later this year, patterned electrically conductive/EMI shielding films. These patterned films also offer very low sheet resistance and narrow interconnect width for improved touch sensor capabilities.

3M Transparent Conductors offer unmatched design flexibility, and can be bent around curved surfaces with better optical performance at the same conductivity values as current Indium Tin Oxide (ITO) products. To realize the full benefits of 3M Transparent Conductors, the company encourages considering these materials early in the product development process.

For more information about 3M’s family of transparent conductors visit 3M’s booth # 339 during the [SID](#) show in Seattle, Wash. from May 25-27, 2010.

About 3M

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M’s core strength is applying its more than 40 distinct technology platforms – often in combination – to a wide array of customer needs. With \$23 billion in sales, 3M employs 75,000 people worldwide and has operations in more than 65 countries. For more information, visit www.3M.com.

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