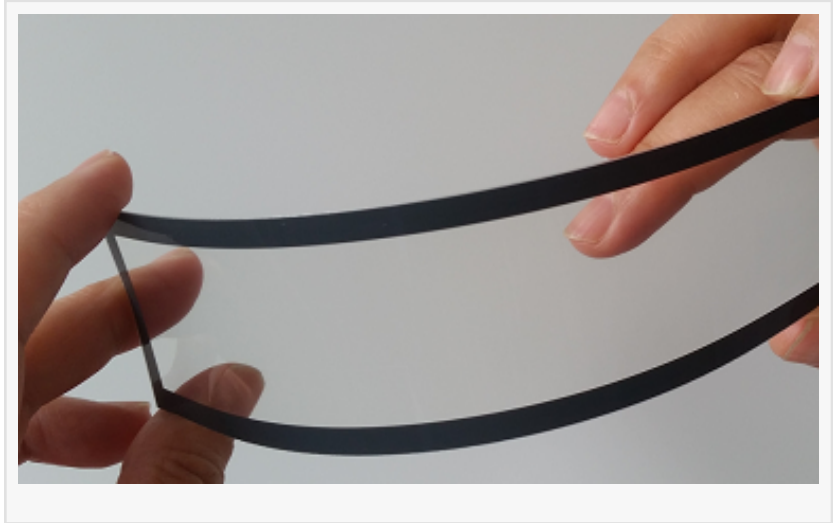


# Canatu and E Ink Team Up to Make Flexible Touch Displays for Wearables

SAN FRANCISCO, CALIFORNIA, USA, May 23, 2016 /EINPresswire.com/ -- Canatu, the leading manufacturer of next-generation flexible and 3D formable transparent conductive films and touch sensors, teams up with E Ink, the world's leading innovator of electronic paper display technology (EPD).

Canatu and E Ink Holdings, "E Ink" (8069.TWO), are working together with the objective to offer a line of flexible touch displays for the wearable market, with the first product ready for sampling to customers in July 2016. The product will combine a reflective E Ink 6.3" EPD Display with Canatu's OPS Touch.



The product is bendable and ultra-thin, with module thickness of only 0.162 mm. Reflective displays enable minimal energy consumption: different patterns can be displayed on screen with no energy needed when not interacting. With these features make the product ideal for wearable applications such as bracelets and other wrist worn devices. The viewing area of the touch display is particularly large enabling many innovative user interface options. E Ink also provides a 3rd party application development package enabling faster time to market.

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Our past collaboration with Canatu has given us the confidence to start developing a consumer product together  
*Mr. Zhu Lin, Mobile BU head at E Ink*

“The wearable market demands robust and durable materials and solutions. We are working with E Ink in several projects and as we share a united understanding of what high

performance represents, we have teamed up to make a reference product we are sure will be a great success”, say VP Marketing and Sales, Erkki Soininen from Canatu.

“Our past collaboration with Canatu has given us the confidence to start developing a consumer product together. E Ink brings value to the market with durable, low power displays in previously impossible or unimaginable applications and environments. Canatu's products support these innovative designs,” explains Mr. Zhu Lin, Mobile BU head at E Ink.

E Ink 6.3" display has a resolution of 200x1040 at 169 ppi, with 16 gray levels. It is based on E Ink's a-Si backplane technology.

Canatu's One-Plastic Solution (OPS) is an all-in-one touch solution incorporating a display window, touch sensor and decoration. OPS is specifically targeted to the wearable market. The world's

thinnest window-integrated touch solution at total thickness of down to 40  $\mu$ m, OPS withstands extreme bending and folding, making it particularly well-suited for wearable, foldable and rollable devices. OPS is built using Canatu's CNB™ Film, which has virtually no change in sheet resistivity even after 150 000 bends at 1 mm radius.

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#### About Canatu

Canatu is a leading developer and manufacturer of transparent conductive films and touch sensors for an entirely new class of carbon nanomaterial (Carbon NanoBud®), and a new, single-step manufacturing process combining aerosol synthesis of CNB material and Roll-to-Roll deposition by Direct Dry Printing®. Canatu offers consumer electronics companies the ultimate design freedom with its innovative patents.

#### About E Ink Holdings

Founded in 1992 by Taiwan's leading papermaking and printing group YFY (1907.TW), E Ink Holdings Inc. (8069.TWO) has transformed and defined the eReader market with its ePaper technology, enabling a new multi-billion market in less than 10 years. Its corporate philosophy aims to deliver revolutionary products, user experiences, and environmental benefits through advanced technology development. This vision has led to its continuous investments in the field of ePaper displays as well as expanding the use of its technologies into a number of other markets and applications. Its EPD products make it the worldwide leader for ePaper. Its FFS technologies are a standard for high end consumer electronic products. Listed in Taiwan's GreTai Securities Market and the Luxembourg market, E Ink Holdings is now the world's largest supplier of displays to the eReader market.

For corporate information, please visit [www.einkgroup.com](http://www.einkgroup.com) ; for EPD information, please visit [www.eink.com](http://www.eink.com) / [tw.eink.com](http://tw.eink.com)

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