

## LOCTITE ECI 1010 E&C

### High conductivity & good mechanical strength

LOCTITE ECI 1010 E&C is a silver ink, which offers good adhesion, high conductivity and optimal mechanical performance. It can be used to create smart product solutions across multiple markets, including consumer, medical, and automotive fields, as well as for furniture and building applications.

The resistance level of LOCTITE ECI 1010 E&C typically lies around 6 mohm/sq/25µm. It is suitable for screenprinting and often used to produce flexible circuits, RFID antenna and Busbars for heating elements.

#### Product Benefits

- ✓ High volume roll to roll screen printable
- ✓ Increased current carrying capacity
- ✓ Cost effective

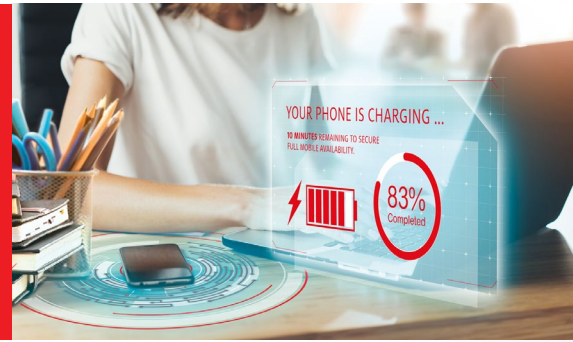
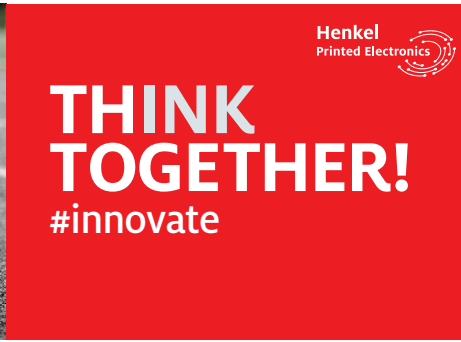


Fine particle size



Good mechanical strength





## Start your Innovation now!

### With LOCTITE ECI 1010 E&C

With the growing penetration of emerging technologies such as 5G, digital healthcare, and smart mobility we are entering an era of increased connectivity and real-time transmission. Supported by changing societal and individual needs, this has unleashed a growing demand for thin, flexible and lightweight electronic solutions that create of limitless connectivity.

At Henkel we provide **high-quality materials** for a variety of new printed electronics applications, long-term **market experience** and a large **partner network** to drive fundamental innovations with printed electronics at a high-speed. Let's #Think Together!

#### Technical Product Data

Product Properties	LOCTITE® ECI 1006 E&C
Solid Content (% by weight)	62%
Coverage (m2/kg at 10 µm dry coating thickness)	11
Resistance (Ω/sq/25µm)	0,007
Curing Temperature	10 min 120°C
Substrate Suitability	PET, PEN, Kapton, Paper



#### LET CONNECT AND #THINK\_TOGETHER:

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