

CLEVIOS™ Technical Information

Conductive Polymers
**MEASURING METHOD
 FOR DETERMINING
 THE SHEET RESIS-
 TANCE of CLEVIOS
 COATINGS**

The surface resistivity of PEDOT coating can be measured according to IEC Standard 93 (VDE 0303, Part 30) or ASTM D 257. The units are Ohms/square.

The electrodes are painted with silver and are arranged as shown in Figure 1. The electrodes are 1.5 mm wide, 20 mm long, and 20 mm apart

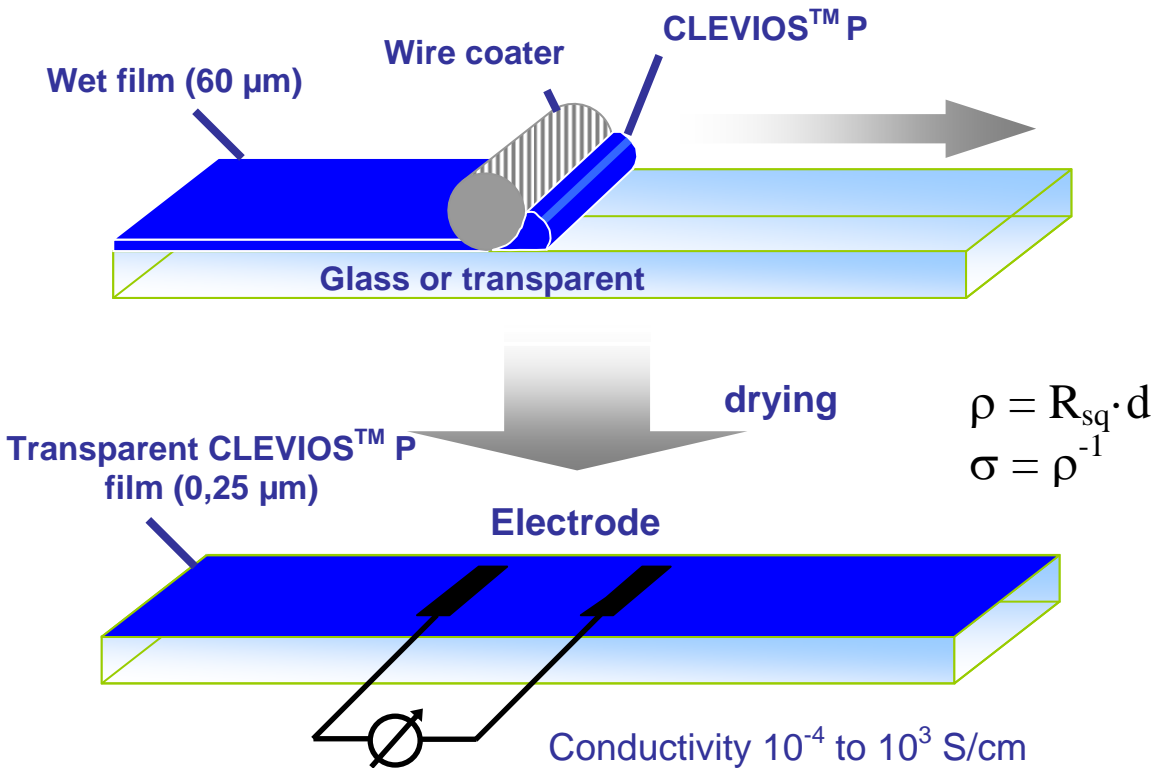


Figure 1. Electrode arrangement for measuring the surface resistivity.

The DC voltage to be applied during measurement must be adjusted to the surface resistance as shown in Figure 2 in order to obtain reliable measurements.

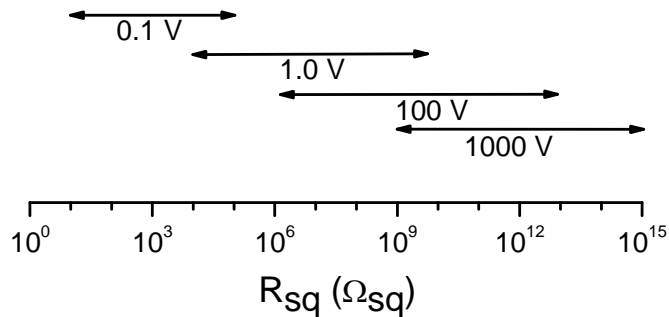


Figure 2. Recommended voltage for measuring the surface resistivity.

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