



Conductive screen-printing inks for in-mold electronics

Within In-Mold Electronics, for example, mechanical pushbuttons consisting of many small components can be replaced by touch sensors integrated in films. In this way, costs can be reduced by up to 30% and the weight of the components by up to 70%. ELANTAS developed conductive inks specially optimized for the thermoforming process.

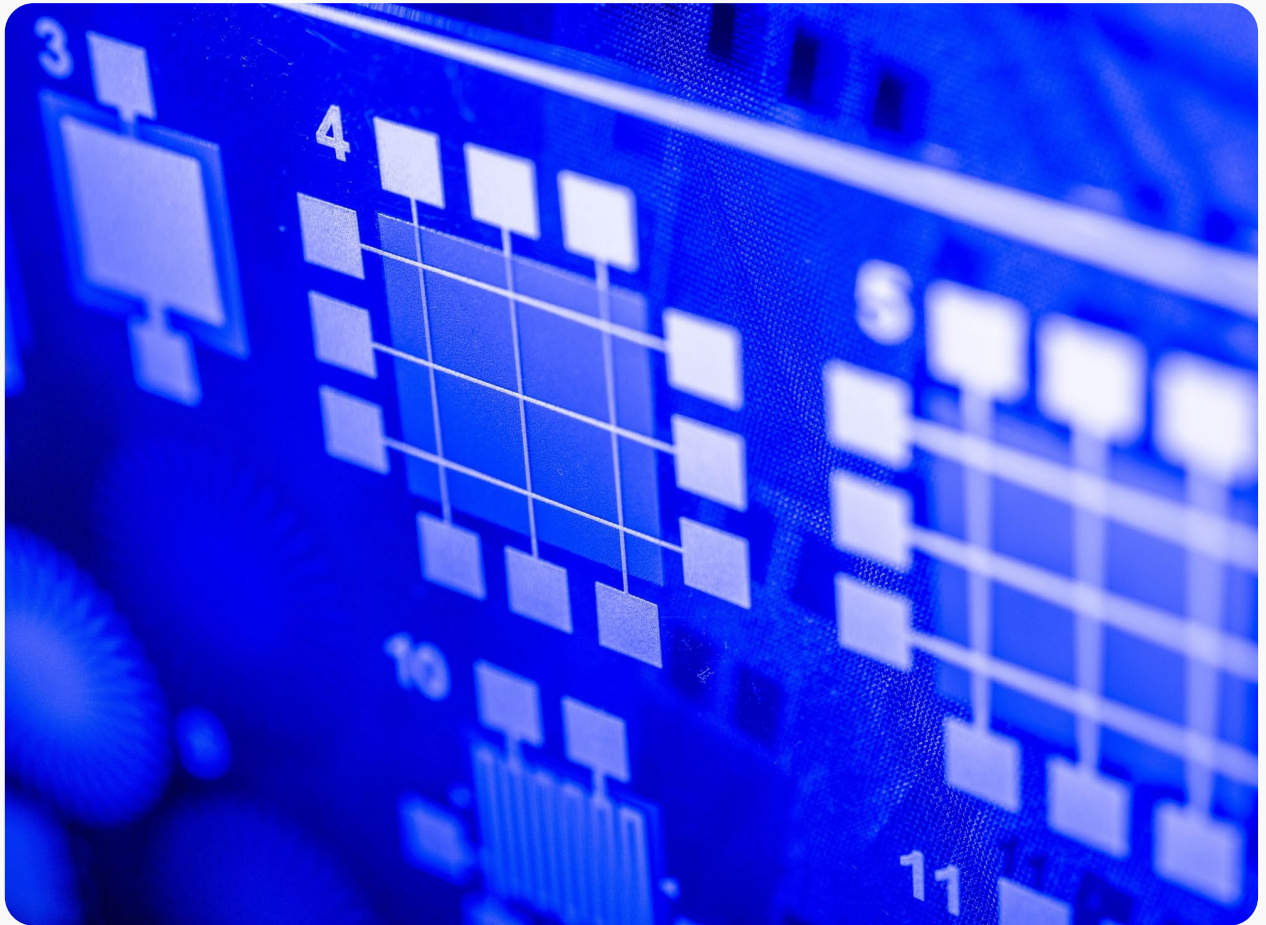
See document [Technical Note_ELANTAS_Conductive screen printing inks for IME.pdf](#)



Bectron® CP 6681 – Low temperature silver paste

Drying temperatures for silver screen printing pastes often range between 90°C and 130°C. However, applications on temperature-sensitive substrates such as textiles, stretchable films and low-cost materials are becoming more widespread. In particular, the new field of smart textiles and special sensor applications are a significant driver for new developments.

See document [Technical Note_ELANTAS_Becton CP_6681_Low temperature silver paste.pdf](#)



UV-curing silver ink for an efficient printing process

Printed conductor paths made of polymer-based, silver-filled printing inks are light and flexible and can be applied in an additive process by printing. Screen printing can easily be used to economically produce medium quantities. The UV silver ink developed by us is based precisely on this economic calculation of the process.