

DRUPA 2016 PREVIEW – FILMS FOR INPUT SYSTEMS

Cologne, 07.04.2016

FOLEX AT DRUPA 2016

Fofox, the specialist for the finishing and coating of films and other materials, will be presenting its comprehensive product portfolio from the fields of the printing industry, digital and large-format printing, the office and home sector, and primary products for the electronics industry at drupa in Düsseldorf (31 May - 10 June 2016, Hall 4, Stand F05). As in the other product segments, Fofox will this year also have a number of new products to offer in the field of films for input systems.

The focus will be on our hybrid films, i.e. films that can be printed both digitally and by screen printing. Since conventional screen printing technology is increasingly being merged with digital printing, this is an interesting topic. This applies not only to the recommended back-printing of the digitally printed layout by screen printing with barrier inks, but also to direct printing of the standard films designed for screen printing with UV inkjet printers (hybrid printing). In this context, the rapid development of inks and UV drying increasingly permits use of both technologies on a single film with only minor limitations as regards possible applications. We will be presenting examples of printing both by screen printing and industrial digital printing, particularly using our GO-AG DUV and GO-AG DES polyester films, but also based on our classic GO-MA (matt film) and the latest generation of our finely textured film GO-FT NQ.

GO-AG DUV and GO-AG DES are films with an anti-glare coating on the front side that were developed specifically for printing with inkjet or eco-solvent printers. These films can, among other things, be printed with a barrier coating applied by screen printing on the reverse side. Our GO-MA (matt film) and GO-FT NQ (finely textured film) can equally be used to obtain outstanding results in "hybrid" printing on various printing systems. Moreover, GO-FT NQ is now available with a width of 122 cm and, thanks to the new, additional UV protection, can also be used for outdoor applications, as can GO-MA.

These materials are primarily used both as overlay films for input systems, such as membrane switches and touch screens, and also for labels and industrial signs.

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Figure: Membrane keyboard

ABOUT FOLEX

With production companies based in Switzerland (Schwyz) and Germany (Cologne and Erlangen), the Folex Group specialises in the finishing and coating of films and other materials, offering high-quality products and individualised services for a wide variety of markets. The Folex product world encompasses solutions for the printing industry, digital and large-format printing & the office and home sector, all the way to primary products for the electronics industry. For manufacturing input systems, Folex offers finished polyester films that can be printed by screen printing and/or digitally. The portfolio encompasses both graphic overlay films with special surfaces and electrically conductive films, as well as customer-specific products.