

INNOVATIONS

The latest developments in the field of films for input systems

«INNOVATIONS» introduces you to a selection of the latest developments and product line expansions regarding our films for industrial printing (screen and digital printing). Here, we very quickly put your individual customer requirements into practice – we turn your ideas into products.

EL NG – CONDUCTIVE, TRANSPARENT, FLEXIBLE FILM

Folex EL NG (NEW GENERATION) is a transparent, hard-wearing polyester film. Its front side is provided with an electrically conductive coating and has a conductivity of 110 Ohm/Square. In contrast to ITO (indium tin oxide), the conductive layer is elastic and can moreover be removed, and thus patterned, using solvents or our specially developed etching paste. The uses for our EL NG (NEW GENERATION) cover the fields of shielding, electromagnetic compatibility and RFID (Radio Frequency Identification). Other applications include circuitry, sensors, displays, input systems, such as touch screens, and other interactive technical devices.

GO-HC/AN – HARDCOAT WITHOUT NEWTON'S RINGS

GO-HC/AN – another hardcoat film from Folex – is provided with an anti-Newton (AN) layer to avoid Newton's rings. This layer greatly improves the optical properties, saves an additional work step, reduces production times and replaces the frequently annoying, visible spacers.

The front side of the polyester film is provided with a hardcoat suitable for structured printing with UV lacquers. The reverse side has an AN coating that can be printed with screen printing inks.

FILMS FOR INPUT SYSTEMS AND SIGNS

The membrane switch product portfolio includes materials from clear to matt as well as structured graphic overlay films, specialty and circuit films. We offer these with different ink receptive coatings. We also supply conventional products for use in screen printing as well as a number of products for digital printing technology.

FOLEX

The Folex Group specializes in the finishing and coating of films and offers high-quality products and tailor made services for a wide variety of markets. Today Folex offers solutions for many sectors, from the printing industry or digital and large-format printing, the office and home sector, all the way to primary products for the electronics industry. Our customers can make use of Folex expertise and production capabilities, particularly for contract production of their own products.

This is only a small selection from this product segment. We would be pleased to receive your feedback. Just get in touch with us if you have ideas for new products – we can then work with you to turn these ideas into products.

Interested? For further questions please do not hesitate to contact us. We will be very pleased to help you. If required we will be pleased to send you also material samples.

Product liability clause

The foregoing information and any consulting provided by us in terms of application engineering shall be given to our best knowledge, but shall not be considered binding information neither with regard to any third party industrial property rights. Any such consulting shall not relieve you from your own review of our current consulting information as to their suitability for the intended procedures and applications. These shall be beyond our control, and be subject to your exclusive responsibility. The sale of our products shall be subject to our current "General Terms and Conditions".

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