

GO-MA/2K ESD

Explosion/ESD protection and graphic overlay combined in a thin, matt polyester film

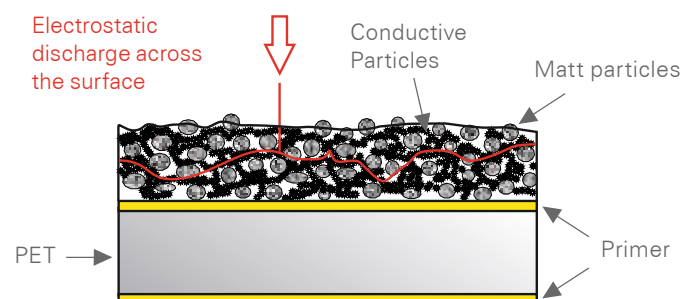
Membrane switches, membrane keyboards and decorative overlays can be provided with optimum electrical conductivity on the operator side with the help of GO-MA/2K ESD.

Process steps that are generally very time-consuming and complex are combined in Folex GO-MA/2K ESD, thus relieving the processor's workload.

Rugged conductive particles in the decorative layer dissipate charges at a surface resistance of 10^6 to 10^9 ohms without any lightning discharge. The surface resistance prevents the build-up of static charges. This counteracts contamination of the surface by attracted dust particles.

The conductive particles in the decorative surface of Folex GO-MA/2K ESD are visually inconspicuous. The film's opacity can be largely compensated for by colour management.

Thin, readily printable explosion protection surfaces can be produced with high mechanical and chemical stability, without expensive and complex printing of conductive pastes on large surfaces. You are free to create your own design!



ADVANTAGES OF FOLEX GO-MA/2K ESD AT A GLANCE

- Printable by screen printing, using solvent-based, two-component and UV ink systems. The primers on the polyester comply with the Folex standard.
- Window printing using two-component coating systems. Explosion protection is still ensured.
- Conductivity values largely independent of humidity, temperature and exposure to light.
- High chemical and mechanical stability.
- Safe surface haptics, embossable.
- Familiar methods for processing decorative surfaces can be retained.

PRODUCT APPLICATIONS

- Explosion protection for membrane switches
- Explosion protection for operating elements
- Antistatic surfaces

FORMS SUPPLIED

- Available in sheets and on rolls
- Film thicknesses 0.13 mm and 0.18 mm
- Supplied with interleaving paper as standard
- Maximum roll width: 1220 mm

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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