

FOLEX PC-HC

Scratch-resistant highly transparent polycarbonate film

Different needs require different base films. The possible continuous operating temperature of a polycarbonate film (PC), for example, is higher than for a polyester film (PET). The formability is also better. However, PC is sensitive to scratches and has only low abrasion resistance. Our front-side hard-coating not only protects the surface from scratches, but also provides greater chemical resistance, which makes the product easier to clean. With our GO-HC we have been able to gather many years of coating experience with this special surface.

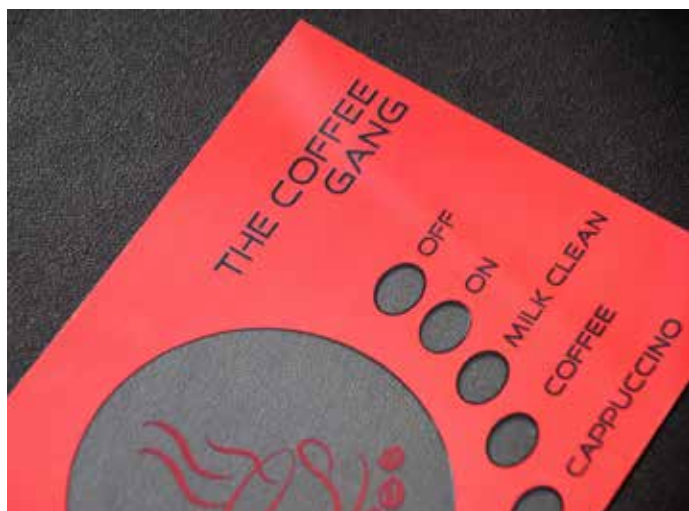


Fig.: Printed Film

Since the special characteristics of a polycarbonate are sometimes of interest, we have included PC-HC in our portfolio for the first time as a clear, scratch-resistant polycarbonate product. It is suitable for applications in more than just the classic field of membrane switches, where we recommend our PET-based GO-HC NQ.

The front side of the product can also be structured with various textured lacquers via screen printing. The reverse side does not require a print primer.

ADVANTAGES OF FOLEX PC-HC

- High transparency
- Scratch resistance
- Good mechanical processing properties (embossing, die-cutting, etc.)
- Easy to clean
- Transparent bonding possible
- High temperature resistance
- Dimensional stability
- Easy formability
- Good chemical resistance

POSSIBLE APPLICATIONS

- Panels, labels, name badges
- Graphic overlay film for membrane switches
- Touch screens and displays
- Protective film

DELIVERY FORM

- Available in sheets and rolls
- Film thickness 0.18 mm
- Equipped with clear self-adhesive protective film on the hard coat side and with green protective film on the reverse side

Interested? If you have any further questions, please contact us. We would also be pleased to send you 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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