

Autoflex



The Autoflex Product Range

Hard coated polyester and polycarbonate films

Autoflex films exhibit exceptionally low haze and high contrast for critical and demanding applications such as industrial functional controls, electronic displays, membrane touch switches and security cards. These types of applications require the film to be flexible, durable and chemical resistant with superior cosmetic quality.

The Autoflex products incorporate a superior hard coat on either a polyester or polycarbonate film and are available in a high gloss or antiglare finish. All Autoflex films can be decorated by numerous printing technologies. The hard coat surface is receptive to Fototex, a range of selective texturing lacquers.

Autoflex Films

Are designed to offer a combination of high abrasion, chemical and solvent resistance, together with excellent optical properties. The high gloss finish is glass clear making it ideal for displays with large area windows. If the application demands a non-reflecting, easy to read display then the antiglare finish is the perfect solution. Autoflex can be embossed to create functional switches with excellent tactile feedback.

Designed characteristics:

- Option of finishes: high gloss and antiglare
- Receptive to many printed graphic ink and UV digital printers
- Highly durable surface, resists scratching and scuffing
- Extremely resistant to chemicals and solvents
- Flexible, suitable for embossed surface features
- Extensive flex life of >5 million actuations with polyester substrate
- Available in a variety of thicknesses
- Compatible with Fototex enabling selective texturing of the hard coat surface

Applications
Membrane touch switches
Industrial functional controls
Electronic displays
Touch screens
Security cards
Printed sensors
Nameplates
Durable labels



An Autoflex film for every application

Autoflex Product Range			
Film	Surface Finish	Gauges	Distinguishing Characteristics
Autoflex EB	Gloss	130µ 180µ 250µ	High gloss, glass clear finish
Autoflex EB	Antiglare	130µ 180µ 250µ	Antiglare finish with high light transparency
Autoflex LI	Gloss LI	250µ	Low iridescence, high gloss finish
Autoflex PC	Gloss	180µ 250µ 330µ 380µ 480µ	High gloss, water clear finish
Autoflex PC	Antiglare	180µ 250µ 380µ 480µ	Antiglare finish with high light transparency

Fototex

A screen printable lacquer that allows designers the freedom to selectively texture Autoflex films.

Fototex Product Range				
Product	Finishes	Curing System	Compatible Substrates	Mixing Capability
Fototex 3D	Supermatt Fine Gloss Modifier	Hybrid cure (solvent & UV)	Autoflex EB Autoflex PC XtraForm Polycarbonate films	All finishes in the 3D range can be intermixed
Fototex N Matt	Matt	UV cure under a nitrogen blanket	Autoflex EB Autoflex PC Polycarbonate films	Can be mixed with Fototex N Supermatt
Fototex N Supermatt	Supermatt	UV cure under a nitrogen blanket	Autoflex EB Autoflex PC Polycarbonate films Automotive dial inks	Can be mixed with Fototex N Matt
Fototex UV Matt	Matt	Single cure conventional UV	Autoflex EB Autoflex PC Polycarbonate films	Can not be intermixed

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