

Durable and flexible hardcoated films for industrial applications

Overview

Our range of hardcoated polyester films extend the functionality into areas demanding highest quality and durability. Most products are printable and offer additional options to suit a wide range of industrial applications.

Key benefits:

Excellent scratch resistance, chemical and household cleaner resistance, embossable with consistent surface quality, printable with excellent ink reception, superior flex life for membrane switches. All products shown are heat stabilized.

Applications include:

Membrane switches, operating panels, graphic overlays, optical displays, name plates, touch screens and other industrial applications.

Custom Options:

For specific requirements we offer tailor made films, where our development capabilities and experience allow us to offer you a wide range of coating options. We are looking forward to work with you to find the best solution for your application.

- Basefilm thickness: 125-250 Micron
- Surfaces: Gloss (Clear) / Anti Glare / Matte (Fine, Satin, Velvet, Textured)
- Haze: 1%-80%
- Special functions: Anti fingerprint / Anti newton / UV stabilization
- Lamination with protection film on one or both sides

Products

ElastoDur	ElastoDur	ElastoDur	ElastoDur
ED-G	ED-AG10	ED-AG60CW	ED-AG70

Features

Gloss Anti Fingerprint Printable Haze <1.5%	Anti Glare Printable Haze 10%	Fine Matte Printable Haze 53%	Textured Printable Haze 70%
Hard coating	Hard coating	Hard coating	Hard coating
Printable	Printable	Printable	Printable

Structure

Clear Hardcoating / Anti Fingerprint	Anti Glare Hardcoating / 10% Haze	Matte Hardcoating Textured / 50% Haze	Matte Hardcoating Textured / 70% Haze
Base PET film 125/175 micron	Base PET film 125/175 micron	Base PET film 125/175 micron	Base PET film 125/175 micron
Ink receptive layer	Ink receptive layer	Ink receptive layer	Ink receptive layer

Specifications

	ED-G	ED-AG10	ED-AG60CW	ED-AG70
Film thickness	125/175 micron	125/175 micron	125/175 micron	125/175 micron
Haze	<1.5%	10%	53%	70%
Function	Anti Fingerprint	Anti Glare	Textured Fine	Textured
Clear Window³	-	Good	Good	No
Flex Life	>5 Million	>5 Million	>5 Million	>5 Million
Transmission	>90%	>90%	>90%	>90%
Chemical resistance¹	Yes	Yes	Yes	Yes
Pencil hardness²	3H	3H	2H	3H

¹ Provides chemical resistance according to DIN 42 115

² Provides hardness according to ASTM D3363 ³ Using recommended UV varnish

All technical data is subject to change