

# Durable and flexible hardcoated films for industrial applications

## Overview

Our range of hardcoated PET and PC 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 taylor 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

	<b>ElastoDur</b> G	<b>ElastoDur</b> AG10	<b>ElastoDur</b> AG60CW	<b>ElastoDur</b> UV60FRW-PC
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## Features

<b>Gloss</b> <b>Anti Fingerprint</b> <b>Printable</b> Haze <1.5%	<b>Anti Glare</b>  <b>Printable</b> Haze 10%	<b>Fine Matte</b>  <b>Printable</b> Haze 53%	<b>Textured Polycarbonate</b> <b>Printable</b> Haze 60%
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 / 60% Haze
Base PET film 125/188 micron	Base PET film 125/188 micron	Base PET film 125/188 micron	Base PC film 250 micron
Ink receptive layer	Ink receptive layer	Ink receptive layer	Ink receptive layer

## Specifications

<b>Film thickness</b>	125/188 micron	125/188 micron	125/188 micron	250 micron
<b>Haze</b>	<1.5%	10%	53%	60%
<b>Function</b>	Anti Fingerprint	Anti Glare	Textured Fine	Textured Fine
<b>Clear Window<sup>3</sup></b>	-	Good	Good	Good
<b>Flex Life</b>	>5 Million	>5 Million	>5 Million	
<b>Transmission</b>	>90%	>90%	>90%	>88%
<b>Chemical resistance<sup>1</sup></b>	Yes	Yes	Yes	Yes
<b>Pencil hardness<sup>2</sup></b>	3H	3H	2H	B-HB

<sup>1</sup> Provides chemical resistance according to DIN 42 115 <sup>2</sup> Provides hardness according to ASTM D3363 <sup>3</sup> Using recommended UV varnish

All technical data is subject to change