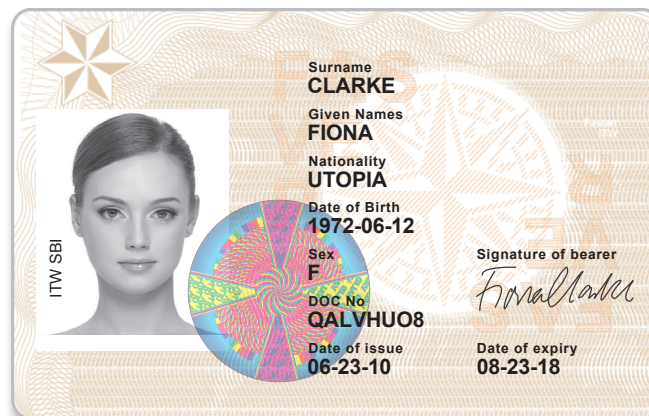


## Covid Holographic Security Solutions for Polycarbonate

ITW Security Division's HoloPC enables customers to embed a holographic security feature within polycarbonate (PC) cards. This permits document designers to combine the advantages of premium holography with those of a highly durable PC card body. The result— a secure card that can't be delaminated, a 10-year document life, and vibrant, easily authenticated holographic security features that are extremely difficult to counterfeit.

HoloPC is available in foil rolls, providing customers who have stamping equipment the flexibility to position holographic features wherever they choose on the card. And for those who don't, HoloPC also comes in pre-stamped PC sheets for direct insertion into the card body.



### Custom Holographic Design

ITW Security Division's art department works with each client to create custom holographic originations that integrate with the background artwork and personalized data to deliver cohesive designs that are attractive, original, easy to authenticate, and highly secure.

### Secure Holography in PC

Sandwiched between other PC layers within the card body, HoloPC delivers superior authentication properties in a highly secure format that cannot be delaminated.

### Custom Size

HoloPC is designed and manufactured to the specific size and registration requirements of each application.

## Advantages

- ✓ 10-Year durability
- ✓ Cannot be delaminated
- ✓ Cannot be reproduced using a printer or photocopier
- ✓ Fully customized holographic solutions

## Applications

- Driving Licenses
- ID Cards
- Passports

## General Information

	Film Rolls	PC Sheets
<b>Color</b>	HRI	
<b>Material Thickness</b>	19 microns	100 microns
<b>Splices</b>	Not permitted	
<b>Labeling</b>	As per customer requirements.	
<b>Packaging</b>	As per customer requirements.	
<b>Storage</b>	Product should be transported and stored in dry conditions away from direct heat and sunlight. Optimal storage temperature is 23°C +/- 2° at 50% RH +/- 10% RH. The recommended shelf life is 12 months in the original packaging.	
<b>Lifetime</b>	10 years in standard conditions (PC sheet laminated in the card body).	
<b>Ordering</b>	Minimum order quantities apply.	

## Properties

- ✓ Withstands the high temperatures and pressures of the PC lamination process
- ✓ Maintains excellent image quality post-lamination
- ✓ Laser engraved ID images can be added to the card in the holographic area
- ✓ Withstands ISO standard temperature and humidity exposure
- ✓ Withstands ISO standard UV light exposure<sup>†</sup>

Rolls
PET Layer
Release Coat
Emboss Coat
HRI Layer
Heat-Resistant Layer
Adhesive

Sheets
Polycarbonate Sheet
Adhesive
Heat-Resistant Layer
HRI Layer
Emboss Coat
Release Coat

<sup>†</sup> When applied according to the manufacturer’s recommended orientation.

## Certifications and Memberships

Between the Covid\*, Fasver\*\*, and Imagedata\*\*\* brands, New Jersey, Montpellier, and Essex facilities, we are members of some of the industry’s most important organizations and have achieved highly revered certifications and/or compliance with others.



\* Covid is a member of DSA, IHMA, and NASPO; and manufactures security solutions that are ICAO compliant.  
 \*\* Fasver® is ISO 9001 and 14001 certified; is a member of IHMA; and manufactures security solutions that are ICAO compliant.  
 \*\*\* Imagedata is ISO 9001 and 14001 certified.

NOTE: Although the information provided herein is given in good faith and deemed reliable, it is not intended as a warranty. We recommend that customers trial the product in order to determine suitability in the intended application. Please contact us to receive material for trial purposes. ITW Security Division reserves the right to change specifications without notice.