

## Covid® Clear Security Laminates

ITW Security Division's Covid® Clear Laminate Patch provides excellent adhesion and durability to protect the personalized data on ID cards against alteration and daily wear and tear. This laminate is designed to work with a wide variety of plastic ID card substrates, including PVC, composite PVC, PET, PC and card stocks that are personalized with dye diffusion thermal transfer (D2T2) and resin retransfer printing technologies.



### Custom Size

Covid Clear Laminate Patches are designed and manufactured to the specific size and registration requirements of each application. Non-standard and partial card-size laminates are available upon request.

### Card Substrates

ITW Security Division laminates are compatible with a variety of ID card substrates, including PVC, composite PVC, PET, PC and card stocks personalized with D2T2 and resin retransfer printing.

### Printer Specific Construction

Covid Clear Laminate Patches are customized to the specific requirements of each ID card printer/ laminator model. Contact the equipment manufacturer to source the ITW Security Division laminate designed to work in your printer/ laminator.

### Chip Cutout

Optional chip cutouts are available to prevent interference with contact and contactless chips.

### UV Blocker

The Clear Laminate Patch can be supplied with an additional UV blocking layer upon request (only on 25 micron product).

## Advantages

- ✓ Excellent durability for long-life cards
- ✓ Fully customized laminate solutions
- ✓ Can be combined with ITW Security Division Imagedata D2T2 ribbons for a complete personalization and security solution

## Applications

- Driving Licenses
- ID Cards
- Healthcare, Voting, and Social Welfare Cards

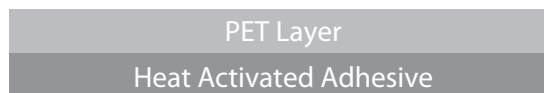
# Clear Laminate Patch

## General Information

<b>Color</b>	Clear
<b>Film</b>	12 or 25 micron PET
<b>Splices</b>	Not Permitted
<b>Labeling</b>	Rolls are identified as per customer requests.
<b>Packaging</b>	Rolls are individually wrapped to avoid contamination and are secured in close fitting cardboard boxes to avoid damage.
<b>Storage</b>	Product should be transported and stored in dry conditions away from direct heat and sunlight. Optimal storage temperature is 20°C (68°F) at 50% relative humidity. The recommended shelf life is 12 months.
<b>Ordering</b>	Minimum order quantities apply.

## Properties

- ✓ Extreme durability and protection from water and humidity
- ✓ Protection from household cleaners
- ✓ Excellent adhesion to card surfaces
- ✓ UV light protection available upon request



## Technical Characteristics - Card Durability

Properties	Requirement	Result	
ID-1 Card Flexure	100,000 Cycles	Pass	
ID-1 Plasticizer Exposure	0.5" Fracture	Pass	
Temperature and Humidity Induced Dye Migration	0% Dye Migration	Pass	
Surface Abrasion, Tabor, CS10 500gm			
	12 micron:	≥ 2,000 Cycles	Pass
	25 micron:	≥ 5,000 Cycles	Pass

\* As per ANSI INCITS 322-2002

SAMPLES: ITW Security Division works with most original equipment manufacturers (OEMs) and understands the product requirements necessary to match each machine. With this in mind, sample product is usually available through the OEMs for product testing.

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 your OEM to receive material for trial purposes. ITW Security Division reserves the right to change specifications without notice.