

Covid® Holographic Security Films

ITW Security Division's Covid® Holographic Thin Film provides a thin, protective covering to secure the personalized data on ID cards against alteration and daily wear and tear. Custom holograms help prevent counterfeiting and aid in the authentication of genuine documents. This thin film overlay 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.



Card Substrates

ITW Security Division films 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.

Custom Holographic Design

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

Printer-Specific Construction

Covid Holographic Thin Film is customized to the specific requirements of each ID card printer/ laminator model. Contact the equipment manufacturer to source the ITW Security Division film designed to work in your printer/ laminator.

Advantages

- ✓ Alteration attempts are obvious due to thin layers
- ✓ Edge-to-edge holographic imagery
- ✓ Cannot be reproduced using a printer or photocopier
- ✓ 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

Holographic Thin Film

General Information

Color	HRI
Film	19 or 23 micron PET
Splices	Not Permitted
Labeling	Rolls are identified as per customer requests.
Packaging	Rolls are individually wrapped to avoid contamination and are secured in close fitting cardboard boxes to avoid damage.
Storage	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.
Ordering	Minimum order quantities apply.

Properties

- ✓ Good mar resistance
- ✓ Protection from exposure to water
- ✓ Enhanced chemical resistance
- ✓ Excellent adhesion

PET Layer
Mar-Resistant, UV Absorbing Topcoat
Holographic Layer
HRI (Metal Layer)
Heat Activated Adhesive

Technical Characteristics - Card Durability

Properties	Requirement (Nominal)
Coating Thickness	2.7 Micron
Adhesion to Card, 810 3M Tape	<15% Removal
Topcoat Flashing	<1mm ²
High Temperature/High Humidity Exposure, 95% RH, 50°C, 3 Days	No Bubbles
Surface Abrasion, Tabor, CS10 500gm	140 Cycles

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.