



Signature Panel Foils

Product Description

CFC's signature panel foils are specially formulated and designed to accept various wet and dry inks (from writing instruments) on credit, debit and other transaction cards issued by banks and related industries. These foils provide excellent coverage for medium and broad area flat stamping on transaction cards using vertical or roll-on presses. If signature altering is attempted through physical or chemical means, the signature panel on the transaction card will indicate that tampering has occurred. CFC's signature panel foils have excellent ink receptivity and exceptional processability, while retaining the specified security features required by card issuers.

Substrates

- PVC/PVA Blends
- Rigid Vinyl

Physical Properties

- Carrier: 75 gauge (19 microns) polyester
- Application area: medium to broad coverage

Recommended Stamping Conditions

	Hot Stamp Equipment	
	Vertical Press	Roll-On Press
Temperature Range	350° - 410° F (die face) or 175° - 210° C	350° - 425° F (rollers) or 175° - 220° C
Type of Die	Metal block	Metal roller
Cycle Time / Application Speed	60 – 100 I.P.M.	8 – 26 feet per minute or 2.5 – 8 meters per minute

Standard Signature Panel Foils

F28 SP	Diners Club	F367 SP	CVC2 MasterCard (narrow)
F72 SPH	Visa	F394 SP	China Union Pay (Yin Lian)
F66 SP	MasterCard	F61303 SPH	Safe Sig
F340 SP	American Express Wave	F75 SPH	White
F366 SP	CVC2 MasterCard	30825 M	Clear

* - Custom images available upon request.

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Features	Advantages	Benefits
Tamper evident	High opacity with blue/grey security size coat (undertone), which is revealed if signature is tampered with. The panels will react to various attempts at chemically or physically altering the signature.	Forgery proof characteristics provide security for the card issuer and card holder.
Outstanding workability	Easy release, clean, flake-free stamping. Panel is flat without edges.	Eliminates the need to clean flakes from the transaction card. No messy flakes that could adhere to the magnetic stripe causing read errors.
Indent stampable	Indent print has sharp edge definition. Accepts indent foil overstamp.	Increased production due to fewer print rejects.
Smudge proof	Panel accepts various wet/dry pen inks without smearing.	Clean signature allows greater legibility, longevity and customer security.

SPECIAL NOTES:

- Orders for company logos must be approved by the company originating the card.
- Other custom logos can be produced on request (minimum order required).
- Approved signature panel products by Visa International and MasterCard International.

Storage Conditions

The foil self-life is directly related to the storage conditions. It is recommended that inventory foil should be kept in a controlled atmosphere of between 65-75°F (18°- 24° C), and a relative humidity of not more than 65%. Cool, dry conditions are best when a controlled atmosphere is not available. Foil must not be in direct sunlight, near open windows, near heat, or conditions of dampness. Foil must not be allowed to become physically wet. If long-term storage is required – over 6 months – the material should be polybagged and sealed.

NOTE: Instructions given herein are approximate and adjustment may be required in adapting materials for use in any specific application. The data presented is a result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made. Date: 08/10/10.