

Technical data sheet

SECURING BUSINESS AROUND THE WORLD

DeedMark™



Hot foil document security Machine-readable document foils

Secure your high value paper based documents with DeedMark secure magnetic foils. Once applied to a document or to packaging, they provide each item with a permanent identity which can be read and proved to be genuine. Each length of foil contains a pattern which acts as a unique identifier for proving individual document authenticity.

By linking the reader to a database, individual products or documents can be traced throughout their product life cycle.

DeedMark document security foils are supplied ready to be applied as hot stamped security features, and are applied to the document or packaging using the high speed equipment used to apply holograms.

FEATURES

- Permanent machine-readable foils protect against fraud
- Secure foil fractures if attempts are made to remove it
- Permanent embedded code prevents alteration or counterfeit
- Secure, proven machine-readable technology
- Designed to be applied by standard hot-foil (stamping) equipment

BENEFITS

- DeedMark numbers are quickly and accurately read by a machine
- Detecting counterfeit is done by a reader, not an individual
- Can automatically link to a host (e.g. database) system
- Complements overt security features like holograms and OVDs
- Using a reader and DeedMark together gives enhanced security

Specifications - applied to document

DeedMark - Hot foil security feature		Once applied to document
Colours	Black, gold and colour-shift (e.g. red / yellow)	
Size (width)	11.4mm	
Size (length)	27mm (batch code) or 57mm (unique code)	
Thickness	11 ± 4µm (11 microns)	
Available codes	Over 2 million different batch codes	
	Over 1,000 million unique codes	
Temperature	Applied to document: -10°C to 60°C	
Humidity	Applied to document: up to 90% RH	

Specifications - supplied in reel format

DeedMark - Hot foil security feature		Supplied in reel format
Colours	Black, gold and colour-shift (e.g. red / yellow)	
Codes	10,000 codes per reel (batch codes)	
	5,000 codes per reel (unique codes)	
Reel length	Typical reel length - 275mm.	
Diameter	110mm with total length of 275m	
Temperature	Reels supplied on 1" (1 inch) cores	
Humidity	Storage: 0°C to 50°C	
	Storage: up to 90% RH	

Document security - TSSI's product range

	DeedMark (hot foil)	DeedMark (hot roll)	OpVantia (thread)	SmartMark (hot foil)	OptiGard (hot foil)
Surface feature	Yes	Yes		Yes	Yes
Embedded			Yes		
Windowed			Yes		
Unique codes	Yes			Yes	
Batch codes	Yes	Yes	Yes	Yes	
Machine-readable	Yes	Yes	Yes	Yes	Yes
Simple Yes / No					Yes



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