

# Technical data sheet

## SECURING BUSINESS AROUND THE WORLD

### DeedMark<sup>TM</sup>



## Hot roll document security Machine-readable covert security

Secure your high value paper based documents against counterfeit threats with DeedMark hot roll security feature. Once applied to a document or to packaging, the machine-readable feature can give documents a permanent, unalterable identity which can be read and proved to be genuine.

DeedMark is typically used by security printers and is applied to the document or packaging using standard, high speed hot roll equipment.

DeedMark is available in different colours, allowing it to be incorporated into the design of the document in a manner that disguises it's functionality as an overt security feature.

### FEATURES

- Permanent machine-readable feature protects against fraud
- Hot rolled security feature fractures if removal is attempted
- Permanent embedded code prevents alteration or counterfeit
- Secure, proven machine-readable technology
- Designed to be applied by high speed hot roll 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 (widths)	11.4mm or 8mm or 3mm
Size (length)	27mm (batch code)
Thickness	11 ± 4µm (11 microns)
Available codes	Over 2 million different batch codes
Temperature	Applied to document: -10°C to 60°C
Humidity	Applied to document: up to 90% RH

## Specifications - supplied in bobbin / reel format

DeedMark - Hot foil security feature In reel / bobbin format	
Colours	Black, gold and colour-shift (e.g. red / yellow)
Codes	5,000 or 10,000 codes per reel (batch codes)
Reel length	Max length - 275m
Reel size	1.5" inner and 4" outer diameter
Reel format	3mm - bobbin, 8mm and 11.4mm - NAB hubs
Temperature	Storage: 0°C to 50°C
Humidity	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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