



The Biofore Company

UPM

UPM
Block

UPM Block

Protocol

ISO 15693

ISO 18000-3 Mode 1

Operating frequency

13.56 MHz

Antenna size

47 x 47 mm /

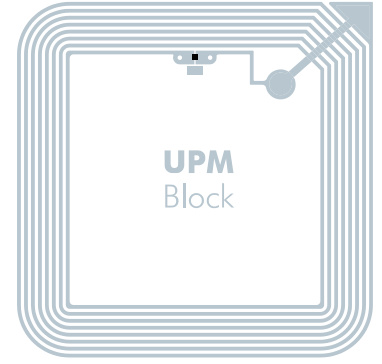
1.9 x 1.9 inch

Block key features

- Mid-size top performer for library and other media management applications.
- Best in class read range, optimal size and performance in compact square package.
- NXP SLIX IC with EAS.

UPM RFID

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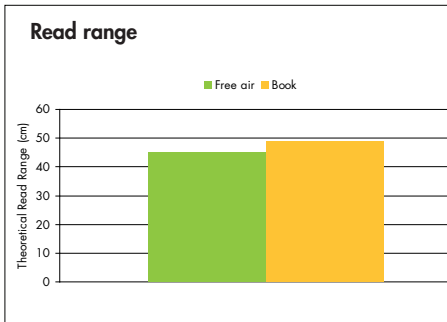
RoHS

Antenna dimensions

Antenna size	47 x 47 mm / 1.85 x 1.85"
Die-cut size	50 x 50 mm / 1.97 x 1.97"
Web width	54 mm / 2.13"

Electrical specifications

IC	NXP ICode SLIX
Memory	1k bit
Operating frequency	13.56 MHz
Data retention	100,000 cycles / 40 years



General characteristics of inlay

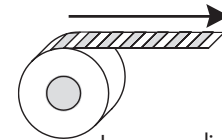
Operating temperature	-40 °C to 85 °C -40 °F to 185 °F
Bending diameter (D)	> 50 mm tension max. 10 N
Static pressure (P)	<10 MPa

Delivery formats

Available formats	Tag
Adhesive - temperature	Solvent-free permanent adhesive min. -10 °C to 120 °C min. 14 °F to 248 °F
Quality	100% performance tested

Reel details

Standard reel size	2,000 tags
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Inner core diameter 76 mm / 3 inch

All the graphs are indicative: performance in real life applications may vary.

UPM RFID uses three different test methods to evaluate the reliability of the RFID inlay and tag products it produces. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test.

Disclaimer

UPM RFID reserves the right to change its products and services at any time without notice. Our recommendations are based on our latest knowledge and experience. As our products are used in circumstances beyond our control, we cannot be held liable for any damage caused through their use.

