

UPM
RaceTrack

UPM RaceTrack

Protocol

ISO 15693
ISO 18000-3 Mode 1

Operating frequency

13.56 MHz

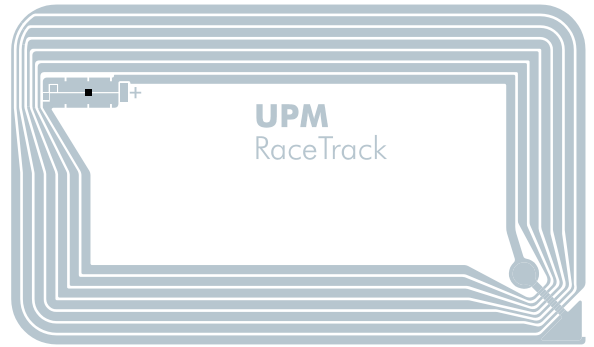
Antenna size

45 x 76 mm /
1.8 x 3,0 inch

RaceTrack key features

- Credit card sized all-around product for media management, ticketing and industrial applications.
- Excellent performance in all printed media products and applications including self check with stack reading capability and EAS.
- Best-in-class read range for EAS gates and less material detuning with printed media products.
- UPM Book lifetime library warranty.
- Top performance on Returnable Transport Items (RTI) in industrial applications.

UPM RaceTrack



RoHS

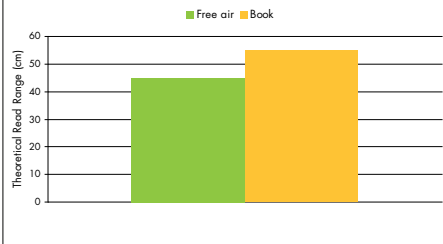
Antenna dimensions

Antenna size	45 x 76 mm / 1.77 x 2.99"
Die-cut size	49 x 81 mm / 1.93 x 3.19"
Web width	53 mm / 2.09"

Electrical specifications

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

Read range



General characteristics of inlay

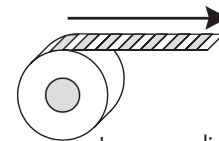
Operating temperature	-40 °C to 85 °C -40 °F to 185 °F
Bending diameter (D)	> 50 mm tension max. 10 N
Static pressure (P)	<10 MPa

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	1,500 tags
--------------------	------------



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), JEDEC22-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.

