

UPM RaceTrack NFC

Protocol

ISO 14443 A

Operating frequency

13.56 MHz

Antenna size

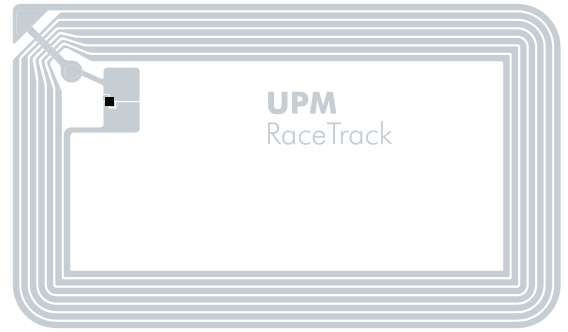
45 x 76 mm /

1.8 x 3,0 inch

RaceTrack NFC key features

- For contactless Limited Use Ticketing with existing 14443 A infrastructure.
- Excellent solution for mass transit, access control and event ticketing such as concerts and sports.
- High reliability material for paper tickets & plastic card pre-laminates.
- Top performer for NFC applications with stable performance.
- 512bit memory, with unique 7 byte serial number.

UPM RaceTrack NFC



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	48 mm / 1.89"

Electrical specifications

IC	NXP Mifare Ultralight
Memory	512 bit
Operating frequency	13.56 MHz

General characteristics of inlay

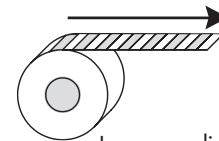
Operating temperature	-25 °C to 70 °C -13 °F to 158 °F
Bending diameter (D)	> 50 mm tension max. 10 N
Static pressure (P)	<10 MPa

Delivery formats

Available formats	Wet inlay, inlay without face film
Adhesive - temperature	Solvent-free permanent adhesive min. -20 °C to 80 °C min. -4 °F to 176 °F
Quality	100% performance tested

Reel details

Standard reel size	5,000 wet inlays / 9,000 inlays without face film
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Inner core diameter 76 mm / 3 inch

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.

