

NTAG213 All Surface Tag - 35 mm



This NFC tag is a self-adhesive Polyamide tag that operates at 13.56 MHz wireless frequency and contains 137 bytes of usable read/write space for NDEF data. Based on the NTAG213 chip from NXP, this tag offers advanced security, anti-cloning features as well as a permanent lock feature, therefore user data can be permanently configured read-only. The NTAG213 is a replacement for the popular NTAG203 chip and is fully compatible with MIFARE Ultralight C.

When attached to a metal surface this tag utilises specially designed shielding to allow continued contactless use without interference. This durable and waterproof tag can be attached to surfaces by screw through the central hole or by the adhesive backing.

Subject to memory size, this sticker is suitable for storing

- Any type of URI including URLs, telephone numbers, SMS, e-mail and geo-locations
- Plain text or a combination of plain text and a URI
- vCards and signatures

Typical application areas include:

- smart posters, advertising displays, kiosks and bus stop advertisements
- guard rounds, home care applications, refuse bins and pallet ID
- contactless ID/ticketing
- embedding in devices

- Public Transportation
- loyalty and payment

This tag is NFC forum type 2 compliant and typically operates at a distance of up to 5cm depending on the power provided by the NFC enabled device.

Supplied as 35mm diameter x 4mm thick self-adhesive Polyamide tags.

Pricing is per tag.

We offer various NFC encoding, printing & customising services - please contact us for details!

Circular NTAG213 tag for use on all surfaces including metal. 137 bytes of memory. Operates at 13.56 MHz. Supplied as 35mm diameter x 4mm thick self-adhesive Polyamide tags.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~689/ntag213-all-surface-tag-35-mm/p/index.shtml>

This Product Briefing has been produced by [Dot Origin Ltd](#), the smart card experts behind [SmartcardFocus.com](#). If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

NTAG2x3 Cards & Stickers

Technical Specifications

Standards and Certifications: ISO/IEC 14443 A 2-3 compliant

Operating Distance: Up to 100mm

Operating Frequency: 13.56 MHz

Memory: 168 bytes EEPROM

Memory Structure:

- 168 bytes of total memory, 42 pages (4 bytes each)
- 144 bytes of user r/w memory area, 36 pages (4 bytes each)
- Field programmable read-only locking function per page for first 64 bytes
- Field programmable read-only locking function per block

Write Endurance: 100 000 cycles

Data Retention: 10 years

Data Transfer: 106 kbit/s

Unique Serial Number: 7 byte

Cryptography: 3DES authentication

Serial number: Unique 7 bytes

Manufacturer: NXP