

NTAG213 On-metal Label - Circular 29mm



The NTAG213 on-metal label is designed to be attached on a metal surface, utilising specially designed shielding to allow continued contactless use without interference.

This NFC label is a 29 mm diameter, circular sticky label 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 label offers advanced security, anti-cloning features as well as a permanent lock feature, therefore user data can be permanently configured read-only. The NTAG213 NFC chip features improved performance and is fully compatible with MIFARE Ultralight C.

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
- handouts, brochures, leaflets, flyers and magazines
- contactless ID/ticketing

- embedding in devices
- Public Transportation
- loyalty and payment

This sticker 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 plain white self-adhesive plastic labels.

Pricing is per label.

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

High performance NFC contactless label for use on metal surfaces. 137 bytes of available memory. 29mm diameter self-adhesive label.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~675/ntag213-on-metal-label-circular-29mm/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