



# IDENTIV

## ID-TOM®-A312-NTAG213 HF/NFC Inlay and Label

### IC Speciality

Identiv's ID-TOM®-A312-NTAG213 serves as an all-encompassing on-metal tagging solution, ideal for industries dealing with metal assets like machinery and tools. It's straightforward in design, enabling easy integration onto metal surfaces, and provides a practical range of uses from advertising to product verification.

Advanced in functionality, the tag includes a pre-programmed capability container, a programmable read-only lock function, and a 32-bit password protection to secure memory operations.

It also supports various applications such as smart labeling, Bluetooth pairing, and Wi-Fi synchronization, making it a versatile choice for enhancing industrial processes.

### Key Features

- Automatic serialization of NDEF messages due to **UID ASCII mirroring feature**
- Automatic adding of the NFC counter value to the NDEF message by **NFC counter ASCII mirror function**
- Simultaneous operation of more than one tag in the field due to **anti-collision function**
- **Password protection** (32-bit) for prevention of unauthorized memory operations
- Available as **wet inlay**, or **label**

#### Frequency

- NFC 13.56 MHz

#### Inlay Dimensions

- Ø 38 mm

#### Chip

- NXP NTAG213

#### International Standards

- NFC Forum Type 2 Tag
- ISO/IEC14443 Type A

#### Industries

- Electronics
- Industrial
- Multi-media & document management
- Medical and Pharma

#### Applications

- Authentication
- Asset & Document Tracking

## Specifications

Format	Wet Inlay	Label
Product Part Number	4001005	4001007
Manufacturing Part Number	I01FADMY9034	LZ1FADMY9034
IC	NXP NTAG213	NXP NTAG213
User Memory	144 bytes	144 bytes
Antenna Dimension	Ø 34 mm	Ø 34 mm
Tag Dimensions	Ø 38 mm	Ø 38 mm
ISO/IEC Norm	ISO/IEC 14443A	ISO/IEC 14443A
Frequency	13.56 MHz	13.56 MHz
Face Material	N/A	White PET
Thickness	~ 520 µm	~ 590 µm
Pitch	48 mm	48 mm
Web Width	48 mm	48 mm
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH
Storage Information	1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH	1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH

**Contact Information:** sales@identiv.com

Care and handling: To minimize static charge and environmental impact, it's crucial to adhere to standard industry practices related to electronics and RFID when handling RFID inlays, as they are sensitive to ESD.

Application: To ensure that this product meets specific requirements, customers/users must thoroughly test it under end-use conditions. Identiv does not claim that the product is suitable for any particular purpose or use. Additionally, Identiv retains the right to modify, supplement, change, or discontinue product offerings at any time without prior notice. While the information presented here is believed to be reliable, Identiv does not guarantee the accuracy or correctness of the data.

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