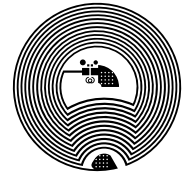


INVENGO NLOOP NFC OFFERING



ø23 mm (0.91 in)

NXP Mifare® Family



About the Inveng NLoop Mifare®

The Invengo NLoop round shaped inlays and tags equipped with the NXP Mifare® chip family offer a high performance, cost-effective solution enabling contactless fare collection, payment, and access experiences independent of location and time. Equipped with multi-application, crypto, and security features, these Invengo NTouch inlays and tags are a secure and future-proof choice supporting your smart city projects.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare, and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Key Benefits

- ISO/IEC 14443A Compliant
- More than 1.2 billion people have access to Mifare®
- ISO 9001:2008 Quality Management System and ISO 14001:2004 Environment Management System support
- 100% Quality Tested

Application Areas

- Public Transportation
- Payment
- Smart Cities

Product Specifications

RFID

Protocols Supported	ISO/IEC 14443-A
Operating Frequency	13.56MHz

Environmental

Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Recommended	-10°C to 70°C (-14°F to 158°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Shelf Life	2 years in 25°C (+77°F) @65 RH
ESD	± 2000V peak

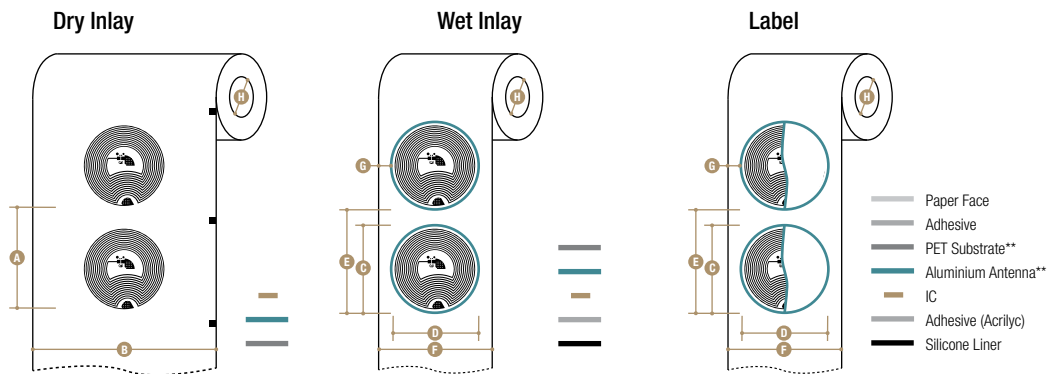
IC Name	IC/Chip Code	UID	Total Memory	User Memory	Data retention	Endurance
MIFARE UL EV1 50pF	C36	7 bytes	64 bytes	48 bytes	5 years	10.000 cycles
MIFARE ULC 50pF	C37	7 bytes	192 bytes	148 bytes	5 years	10.000 cycles

Order Information

	Dry Inlay	Wet Inlay	Label
Product code	XC-TF3006-(IC Code)	XC-TF3006-(IC Code)-FSI	XC-TF3006-(IC Code)-FPI
Box Size (carton boxes)	265×253×180mm (10.43 x 9.96 x 7.09 in)	265×253×180mm (10.43 x 9.96 x 7.09 in)	265×253×180mm (10.43 x 9.96 x 7.09 in)
Weight (roll; box)	1kg (2.21 lbs)/roll 2.55kg (5.63 lbs)/box	0.38kg (0.84 lbs)/roll 2.02kg (4.46 lbs)/box	0.46 kg (1.02 lbs)/roll 2.39 kg (5.27 lbs)/box
Quantity	5000 pcs/roll; 2 rolls/box	2500 pcs/roll; 4 rolls/box	2500 pcs/roll; 4 rolls/box

Dimensions

- A 29,5 mm (1.16 in)
- B 65 mm (2.55 in)
- C 25 mm (0.98 in)
- D 25 mm (0.98 in)
- E 29,5 mm (1.16 in)
- F 32 mm (1.26 in)
- G 3,5 mm (0.138 in)
- H 76,2 mm (3 in)



*Antenna Thickness: (0.0003 in) | **PET Thickness: 0,05 mm (0.002 in) | Yield, Joint: 97%, ≤2p/roll

APAC

Invengo Technology Pte. Ltd
10 Kallang Avenue
#05-15 Tower 2, Aperia
Singapore 339510

Office: +65 6702 3909
sales.apac@invengo.com

Americas

Invengo Technology Corp.
2700-160 Sumner Blvd.
Raleigh, NC 27616
United States of America

Office: +1 919 890 0202
sales.americas@invengo.com

EMEA

Invengo Technologies
180 Voie Ariane – Athéna 1
13600 La Ciotat
France

Office: +33 413 96 1111
sales.emea@invengo.com