



## NXP® ICODE® SLIX NFC Label

**SKU:** RS-SLX-PET3M-381381

**Chip Type:** NXP® ICODE® SLIX

**Frequency:** HF 13.56 MHz

**User Memory:** 112 bytes

**UID Memory:** 8 bytes

**Read Range:** Up to 1.5 m

**Protocol:** ISO/IEC 15693  
ISO/IEC 18000-3  
NFC Forum Type 5

**Industry:** Retail, Events, Catering, Jewelry,  
Apparel and Fashion

**Applications:** Inventory, Jewelries & Sunglasses,  
Warehouse, NFC, Product Authentication,  
Brand Protection



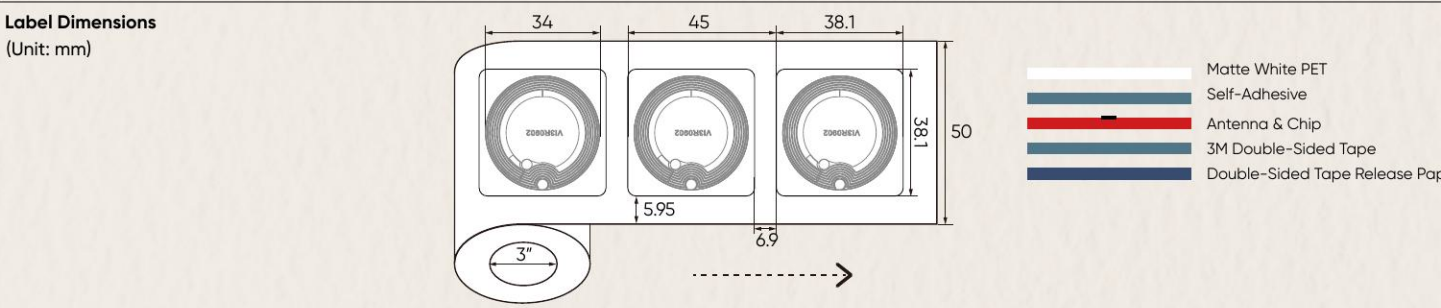
The NFC Label (38.1×38.1 mm) with NXP® ICODE® SLIX chip delivers strong read performance and reliable data storage for mid- to long-range NFC applications. Fully compliant with ISO/IEC 15693 standards, it ensures seamless integration with NFC-enabled devices while offering stable, secure, and efficient data communication. Its larger square format provides improved antenna performance, making it well-suited for use cases that demand enhanced readability and accuracy.

Durable and versatile, this NFC label is widely applied in asset and inventory management, library systems, brand protection, access control, and smart retail solutions. With its combination of robust performance and flexible design, the ICODE® SLIX-based label offers businesses an effective tool to improve efficiency, enhance security, and enable smooth digital interactions.

|                      |                       |                                                                                                                       |
|----------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Physical Information | Material              | PET & 3M Adhesives                                                                                                    |
|                      | Label Size            | 38.1x38.1 mm (1.5x1.5 inch)                                                                                           |
|                      | Antenna Size          | Ø34 mm                                                                                                                |
|                      | Operating Environment | -20°C~+50°C, 20%~80% RH                                                                                               |
|                      | Storage Environment   | +18°C~+28°C, 40%~60% RH                                                                                               |
|                      | Mounting Method       | Stick                                                                                                                 |
|                      | Surface               | Paper Carton, Plastic, Wood                                                                                           |
|                      | Handling Precautions  | 1. Do not bend.<br>2. Keep away from water and collision.<br>3. Labels with black-dot marks are bad ones, do not use. |

|                       |                         |                                                     |
|-----------------------|-------------------------|-----------------------------------------------------|
| Technical Information | Operating Frequency     | 13.56 MHz                                           |
|                       | Communication Protocol  | ISO/IEC 15693, ISO/IEC 18000-3, NFC Forum Type 5    |
|                       | Read Range              | Up to 1.5 m (depending on antenna geometry)         |
|                       | Operating Mode          | Passive                                             |
|                       | Data Transfer           | 53 kbit/s                                           |
|                       | Chip Type               | NXP® ICODE® SLIX                                    |
|                       | User Memory             | 112 bytes                                           |
|                       | UID Memory              | 8 bytes                                             |
|                       | High Data Integrity     | 16-bit CRC                                          |
|                       | Lock Mechanism          | EAS, AFI, DSFID                                     |
|                       | Anti-Collision Function | Yes                                                 |
|                       | Security Features       | 32-bit password protected EAS and AFI functionality |

|                     |                  |                                              |
|---------------------|------------------|----------------------------------------------|
| Packing Information | Packing Format   | Packed in roll, vacuumed packing in ESD bag. |
|                     | Roll OD          | Max. 203.2 mm                                |
|                     | Core ID          | 3 inch(76.2 ± 0.50 mm)                       |
|                     | Packing Quantity | 1000 pcs/roll, weight per roll 0.772 kg      |



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.

● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.

● **Product Updates and Revisions** rfidbridge.com may change products, specs, or services at any time without prior notice.

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