



## NXP® ICODE® SLIX NFC Label

SKU: RS-SLX-PET3M-D30

Chip Type: NXP® ICODE® SLIX

Frequency Band: HF 13.56 MHz

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

User Memory: 112 bytes

UID Memory: 8 bytes

Read Range: Up to 1.5 m

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

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



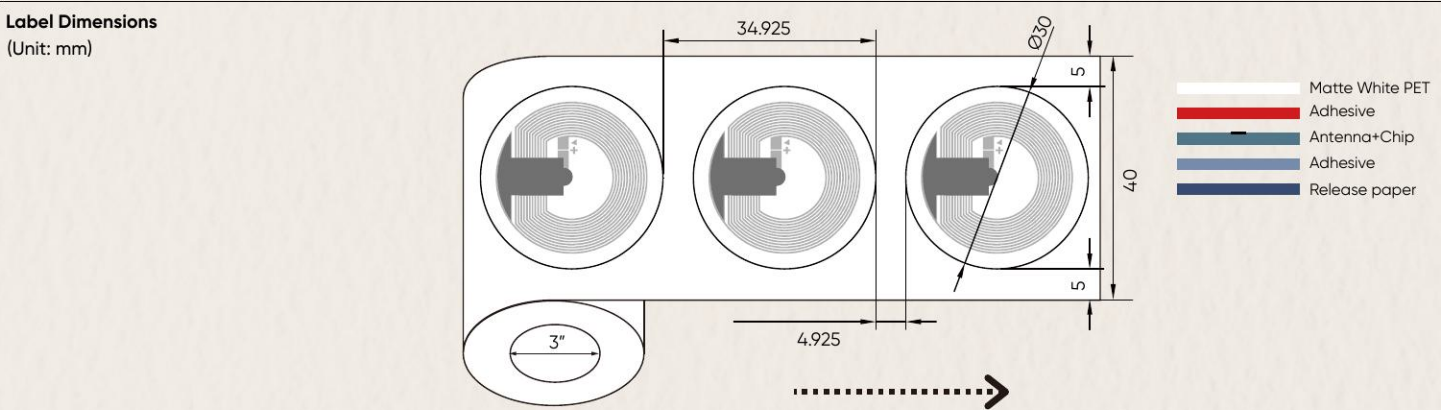
The NFC Label Ø30 mm with NXP® ICODE® SLIX chip is a reliable and high-performance solution designed for long-range, contactless applications. Compliant with ISO/IEC 15693 and NFC Forum Type 5 standards, it ensures efficient data exchange, secure information storage, and broad compatibility with standard NFC-enabled devices. Its circular Ø30 mm format provides a balance of compact design and strong read performance, making it suitable for both industrial and consumer use cases.

Durable and versatile, this NFC label is widely applied in asset management, library and document tracking, brand authentication, access control, and smart retail solutions. Easy to integrate and offering consistent read reliability, the ICODE® SLIX-based label empowers businesses to enhance efficiency, improve security, and enable seamless digital interactions across diverse environments.

|                      |                       |                                                                                                                       |
|----------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Physical Information | Material              | PET & 3M Adhesives                                                                                                    |
|                      | Label Size            | Ø30 mm                                                                                                                |
|                      | Antenna Size          | Ø25 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                                           |
|                       | Protocol                | ISO/IEC 15693, ISO/IEC 18000-3, NFC Forum Type 5    |
|                       | Chip Type               | NXP® ICODE® SLIX                                    |
|                       | Read Range              | Up to 1.5 m(depending on antenna geometry)          |
|                       | Operating Mode          | Passive                                             |
|                       | Data Transfer           | 53 kbit/s                                           |
|                       | 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 |

|                       |                  |                                             |
|-----------------------|------------------|---------------------------------------------|
| Packaging 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, per roll 0.492 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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