



## NXP® ICODE® SLIX2 NFC Label

|               |                                                                       |
|---------------|-----------------------------------------------------------------------|
| SKU:          | RS-SLX2-PET-6530                                                      |
| Chip Type:    | NXP® ICODE® SLIX2                                                     |
| Frequency:    | HF 13.56 MHz                                                          |
| TID Memory:   | 64 bytes                                                              |
| User Memory:  | 320 bytes                                                             |
| Protocol:     | ISO/IEC 15693,<br>ISO/IEC 18000-3M1,<br>NFC Forum Type 5              |
| Read Range:   | Up to 1.5 m                                                           |
| Certificate:  | WEEE compliant                                                        |
| Industry:     | Retail, Events                                                        |
| Applications: | Document Management,<br>Library, Social Engagement,<br>NFC, Warehouse |



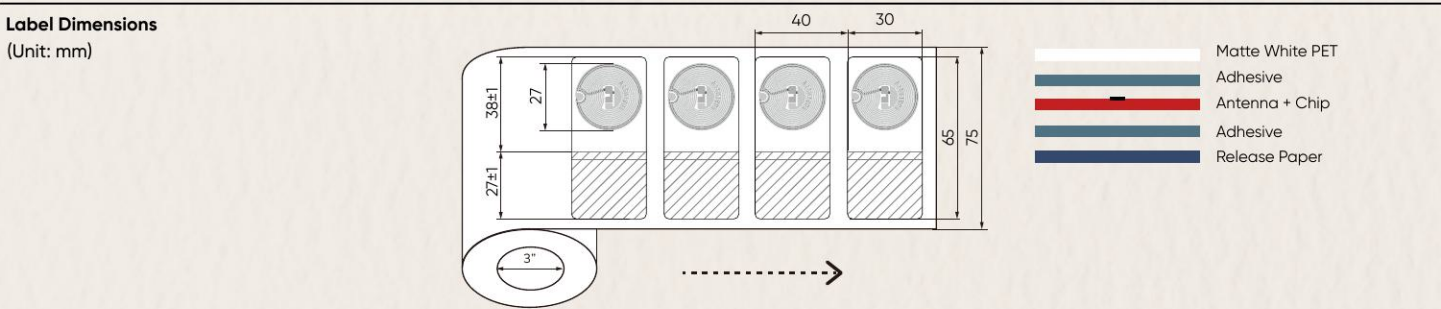
This high-performance NFC label is designed in an optimal 65×30mm size, offering a perfect balance of compactness and enhanced antenna performance for flexible installation and reliable reading. Powered by the NXP® ICODE® SLIX2 chip, it complies with ISO/IEC 15693, ISO/IEC 18000-3M1, and NFC Forum Type 5 standards, enabling fast data exchange and excellent read sensitivity even in complex environments and medium-distance applications. With 2560 bits of built-in user memory, the tag can store a wide variety of information, making it highly adaptable to diverse needs.

In addition to its advanced functionality, the tag features upgraded security capabilities, including flexible access control and anti-counterfeiting technology, ensuring robust data protection and brand security. Ideal for applications such as asset management, product authentication, smart packaging, and interactive marketing, this NFC tag provides businesses with reliable, efficient, and intelligent solutions to streamline operations and enhance security.

|                      |                       |                                                                                                                       |
|----------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Physical Information | Material              | PET                                                                                                                   |
|                      | Label Size            | 65×30 mm                                                                                                              |
|                      | Antenna Size          | Ø27 mm                                                                                                                |
|                      | Operating Environment | -20°C~+50°C, 20%~80% RH                                                                                               |
|                      | Storage Environment   | +18°C~+28°C, 40%~60% RH                                                                                               |
|                      | Mounting Method       | Stick                                                                                                                 |
|                      | Certificate           | WEEE compliant                                                                                                        |
|                      | Surface               | Plastic, Paper Carton, 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 18000-3M1, NFC Forum Type 5 |
|                       | Read Range             | Up to 1.5 m                                        |
|                       | Chip Type              | NXP® ICODE® SLIX2                                  |
|                       | User Memory            | 320 bytes                                          |
|                       | UID Memory             | 64 bytes                                           |
|                       | Security Features      | 32-bit protected EAS and AFI functionality         |
|                       |                        |                                                    |

|                     |                  |                                             |
|---------------------|------------------|---------------------------------------------|
| Packing Information | Packing Format   | Packed in roll, vacuumed packing in ESD bag |
|                     | Roll OD          | Max. 150 mm                                 |
|                     | Core ID          | 3 inch(76.2 ± 0.50 mm)                      |
|                     | Packing Quantity | 1000 pcs/roll, per roll 0.65 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.
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