

HF 50x50mm RFID Label

Top Performance Tag for Library and Media Management Applications

HF 50x50mm inlays and tags featuring NXP ICODE SLIX and SLIX2 ICs are designed for library and other media management applications. RFID Label provide best-in-class read range, optimal size and performance in a compact, square package.

HF 50x50mm RFID Label with NXP ICODE SLIX provides 896 bits of user memory, while NXP ICODE SLIX2 boasts an extended user memory of 2,528 bits. The tag provides excellent performance in all printed media products and applications, including self-check with stack reading capability, and HF 50x50mm Label is delivered in paper-tag format and selected paper is resistant to aging (ISO 9706 compliant). Paper grade together with PH-neutral adhesive make it suitable for archiving applications. It is the ideal product to complement advanced media management systems and offers a lifetime library warranty.

Operating Frequency

13.56 MHz

Integrated Circuit (IC)

NXP ICODE SLIX & SLIX2

Antenna & Die-cut Size

45 x 45 mm / 1.77 x 1.77"

50 x 50 mm / 1.97 x 1.97"

- ▶ ISO 15693
- ▶ ISO 18000-3 Mode 1
- ▶ NFC Forum Type 5

- ▶ Media & Document Management

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Technical Features	
IC + Memory NXP ICODE SLIX 896 bit	Size 50 x 50 mm / 1.97 x 1.97 in wet 50 x 50 mm / 1.97 x 1.97 in Paper Tag Format face material: mid-gloss paper
NXP ICODE SLIX2 2,528 bit	50 x 50 mm / 1.97 x 1.97 in wet 50 x 50 mm / 1.97 x 1.97 in Paper Tag HF 50x50mm face material: mid-gloss paper
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Adhesive	Acrylic, water borne adhesive; usage temperature: min. -20°C to 80°C / min. -4°F to 176°F
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing



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