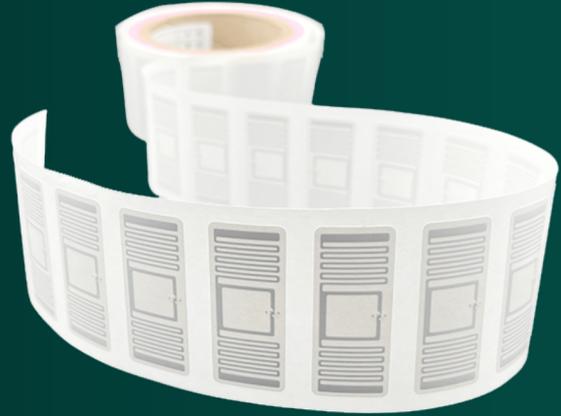


UHF | HF - Label CT - DUAL LABEL

- Dual-frequency RFID inlay and label
- Supports HF (13.56 MHz) and UHF (860-960 MHz)
- Integrated EM4425 dual-interface chip
- Dry inlay / label delivery format
- Designed for NFC interaction and long-range UHF inventory



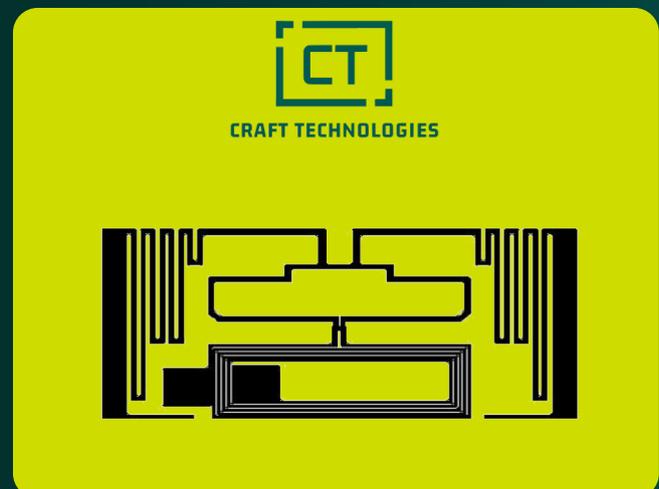
UHF | RAIN - ECO Label Sustainable RFID hardware

The 40 × 20 mm dual-frequency RFID label from CRAFT Technologies combines HF and UHF technologies in a single inlay, enabling both near-field NFC interaction and long-range UHF inventory scanning. Powered by the EM4425 chip, the label supports EPC Class 1 Gen2 / ISO 18000-63 for UHF and ISO 14443 for HF applications.

With advanced security features including AES-128 encryption, digital signatures and tamper detection, the label is suitable for authentication-critical use cases. Its compact form factor allows seamless integration into packaging, labels and products, enabling anti-counterfeiting, consumer engagement and intelligent logistics within one RFID solution.

Common Applications

- Intelligent logistics and warehousing
- Product authentication and anti-counterfeiting
- Supply chain traceability
- Inventory and batch management
- Brand protection and product verification



TECHNICAL SPECIFICATIONS

Contactless Interface

Operating Frequency	13.56MHZ and 860MHz-960MHz
Supported Standards	ISO/IEC 18000-63 Type C ISO/IEC 14443/15693
Reading Distance	Up to 10 m (UHF - Depending on environment, reader and exact label type)
Chip	EM4425

Physical Characteristics

Dimension	Standard body size: 45*25mm Standard antenna size: 40*20 mm
Weight	< 1g
Material	PET
IP Protection	-

Certifications & Compliances

Certifications	CE, REACH & RoHS
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Environmental Characteristics

Temperature	Operating temperature: -20 - 50°C
Humidity	20% - 80%RH
Chemical Resistance	-
Shock & Vibration	-

Customization Options

Available Colors	Standard colors: white
Available Options	Pre-Printing, data encoding and customized sizes

Usage Options

Environments	Retail, Healthcare, Apparel Production and Warehouse
Key Facts	PET Free, Printable Paper and Permanent Adhesive
Mounting Methods	Self Adhesive