



ID-Garment-A886-echoV

NFC Inlay

IC Speciality

Identiv's ID-Garment-A886-echoV, a robust solution tailored for garment applications. Powered by the secure em | echo-V (EM4425V16) this advanced technology ensures top-tier security for IoT and NFC uses. These tags effectively utilize the chip's native security mechanism, certified for its resilience against attacks, making them an ideal choice for secure IoT applications. They serve various purposes, including anti-counterfeiting for brand protection, document authentication, secure supply chain traceability, authorized data access, and seamless customer engagement such as loyalty programs.

These washable tags possess a slight flexibility, making them easily adaptable behind woven or similar clothing patches. Elevating secure product authentication to a new standard, the ID-Garment-A886-echoV is compatible with all NFC devices, providing real-time authentication and enhanced privacy features.

Key Features

- For use in secure IoT applications, including **advanced anti-counterfeiting** for brand protection, **document authentication, secure supply chain traceability**, **authorized data access**, and **trusted customer engagement**
- Unique data authentication with AES crypto for NFC web based authentication
- Due to its robust structure it is durable and even washable
- Available as **wet inlay**

Frequency

- NFC 13.56 MHz

Tag Dimensions

- 22 x 12 mm

Chip

- em | echo-V (EM4425V16)

International Standards

- NFC Forum Type 5 Tag
- ISO/IEC 15693/18000-3

Industries

- Beauty and personal care
- Fashion
- Luxury goods
- Sports and events

Applications

- Advanced Anti-Counterfeiting
- Asset & Document Tracking
- Secure Authentication
- Smart Packaging

Specifications

Format	Wet Inlay
Product Part Number	9001116
Manufacturing Part Number	I00PADEF010C
IC	em echo-V (EM4425V16)
User Memory	Configurable 2048 bit
Antenna Dimension	20 x 10 mm
Tag Dimensions	22 x 12 mm
ISO/IEC Norm	ISO/IEC 15693/18000-3
Frequency	13.56 MHz
Face Material	-Clear PET
Thickness	~ 590 µm
Pitch	25.33 mm
Web Width	35 mm
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH
Storage Information	1 year under desiccated condition; 10°C ~ 25°C (50°F ~77°F), ≤ 60% RH

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Care and handling: To minimize static charge and environmental impact, it's crucial to adhere to standard industry practices related to electronics and RFID when handling RFID inlays, as they are sensitive to ESD.

Application: To ensure that this product meets specific requirements, customers/users must thoroughly test it under end-use conditions. Identiv does not claim that the product is suitable for any particular purpose or use. Additionally, Identiv retains the right to modify, supplement, change, or discontinue product offerings at any time without prior notice. While the information presented here is believed to be reliable, Identiv does not guarantee the accuracy or correctness of the data.

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