



## ID-TOM® Base-A758-U9 UHF Label

### IC Speciality

The ID-TOM® Base-A758-U9 by Identiv serves as a comprehensive solution tailored for all on-metal applications, making it an optimal choice for industrial settings involving metallic surfaces. This highly versatile tag is designed to securely adhere to any metallic item, whether the surface is flat or bent. Featuring a remarkable slimness, the tag has an overall thickness of approximately 1 mm and an antenna thickness of just 120µm. This design lends the tag exceptional flexibility and adaptability, making it suitable for a broad spectrum of use cases.

Additionally, the ID-TOM® Base-A758-U9 comes equipped with 96 bits of Electronic Product Code (EPC) memory and a 96-bit Tag Identifier (TID), thereby expanding its range of applicability in diverse Internet of Things (IoT) scenarios.

### Key Features

- **More resistant against interference** from surrounding materials
- **Excellent** read range
- 96 bit EPC memory
- Can be applied on **convex, concave arched metal surfaces**
- Foam based and **thin** (~1 mm)

#### Frequency

- UHF ETSI 865-868 MHz

#### Tag Dimensions

- 75 x 30 mm

#### Chip

- NXP UCODE 9

#### International Standards

- EPC global V.2.0.1
- ISO 18000-6C

#### Industries

- Automotive
- Industrial
- Logistics
- Track and tracing

#### Applications

- Authentication
- Inventory management
- RTLS
- Supply chain management

# Specifications

Format	Label
Product Part Number	4001031
Manufacturing Part Number	LZ1PADUK0251
IC	UCODE 9
EPC and User Memory	96 bit and n/a
Antenna Dimension	70 x 25 mm
Tag Dimensions	75 x 30 mm
Standards	EPC global V.2.0.1 ISO 18000-6C
Frequency	ETSI 865 - 868 MHz
Face Material	White PET
Thickness	~ 1350 µm
Pitch	39.914 mm
Web Width	80 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

**Contact Information:** sales@identiv.com

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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