



ID-TOM® Base+ A758-U9xe UHF Label

IC Speciality

The ID-TOM® Base+ A758-U9 by Identiv serves as a complete solution for all on-metal applications, designed to excel in industrial settings involving metallic surfaces. This multi-functional tag is compatible with metallic items of any shape, whether flat or bent. Notably thin, the tag boasts an overall thickness of approximately 1 mm and an antenna thickness of 120µm, providing maximum flexibility and versatility for diverse applications. Enhanced by a shielding layer, it ensures optimal performance across all types of metallic and composite material surfaces.

Additionally, the ID-TOM® Base+ A758-U9 comes equipped with 128 bits of Electronic Product Code (EPC) memory, broadening its applicability across a comprehensive range of Internet of Things (IoT) use cases.

Key Features

- **More resistant against interference** from surrounding materials
- **Excellent** read range
- 128 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 9xe

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	4001037
Manufacturing Part Number	L15PADUM0251
IC	UCODE 9xe
EPC and User Memory	128 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.

Trademarks: The ownership of trademarks and/or trade names mentioned belongs to their respective owner(s). Some trademarks are used only to identify specific products or services.

Warranty: Please refer to Identiv standard terms and conditions: <https://www.identiv.com/terms-and-conditions>

