



# ID-Sawblade-A866-U8

## UHF Inlay and Label

## IC Speciality

ID-Sawblade A866-U8 with the NXP UCODE 8 IC is the ideal choice for industrial and supply-chain applications as well as inventory management. It is designed to solve challenges with tagging a variety of difficult-to-tag materials. ID-Sawblade inlays and tags offer an integrated brand identifier, a proven feature for product authentication, in addition to the added safeguard system to protect business data.

ID -Sawblade A866 U9 comes with 128-bits of EPC memory and 96-bit Tag Identifier (TID).

## Key Features

- Effective **global performance** to designated design
- Enhances **long-range readability** and enables **rapid inventory** of densely populated RFID tag clusters
- 128 bit EPC memory
- **Brand identifier** helps enable product authentication verification
- Available as **dry inlay, wet inlay, or label**

### Frequency

- UHF 860 MHz to 960 MHz

### Antenna Dimensions

- 24 x 94 mm

### Chip

- NXP UCODE 8

### International Standards

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

### Industries

- Industrial
- Logistics
- Retail

### Applications

- Authentication
- Inventory management
- RTI
- Supply chain management

## Specifications

Format	Dry Inlay	Wet Inlay	Label
Product Part Number	200100	2001001	2001159
Manufacturing Part Number	I00XXXUE0244	I00XADUE0244	L15XADUE0244
IC	NXP UCODE 8	NXP UCODE 8	NXP UCODE 8
EPC & User Memory	128 bit & n/a	128 bit & n/a	128 bit & n/a
Antenna Dimension	24 x 94 mm	24 x 94 mm	24 x 94 mm
Tag Dimensions	24 x 94 mm	27 x 97 mm	27 x 97 mm
ISO/IEC Norm	ISO 18000-6C	ISO 18000-6C	ISO 18000
Frequency	860 MHz to 960 MHz	860 MHz to 960 MHz	860 MHz to 960 MHz
Face Material	-	-	White PET
Thickness	~180 µm	~200 µm	~270 µm
Pitch	31.75 mm	31.75 mm	31.75 mm
Web Width	110 mm	110 mm	110 mm
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH	-20°C ~ 70°C (-4°F ~ 158°F), at <60%RH
Storage Information	2 years under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH	1 year under desiccated condition; 10°C ~ 25°C (50°F ~ 77°F), ≤ 60% RH	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>

