



METAL SKIN TITANIUM 25 LASSO

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type (chip)**¹ NXP UCODE 9
- **Chip memory**² 96 bits EPC; 96 bits TID
- **Write cycles** 100,000 times
- **Data retention** 20 years
- **Read range fixed**³
Up to 26.25 ft (8 m) US on metal
Up to 11.84 ft (3.50 m) EU on metal
- **Polarization** Linear

Key Features

- + **Lasso design:** fits slim asset
- + **8m on metal:** read from long distance
- + **Printable:** human and computer-readable
- + **IP68 rating:** waterproof

Applications

- **Jewelry management**
- **High-value item tracking**
- **Inventory management**

Environmental Specifications

Temperatures



- Operational -40°C to +85°C
-40°F to +185°F
- Survival -40°C to +85°C
-40°F to +185°F

- **IP rating** IP68
- **Storage Humidity** 50±15%RH
- **Printer compatibility** SATO CL4NX, Zebra ZT411R, Postek TX3r, TSC Printronix T6000e, etc.
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

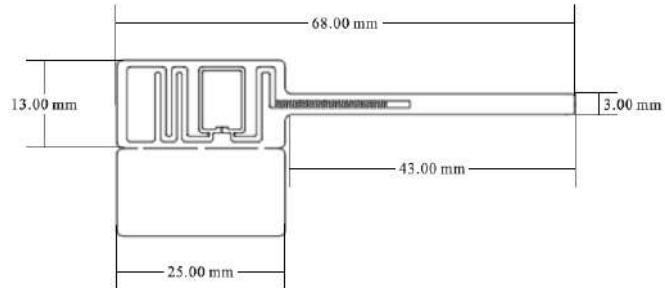
¹The chip data retention is up to 20 years, based on chip operating under general environment conditions.

²EPC can be re-programmed or permanently locked, can not be password protected. TID is locked and unique at the point of manufacturing.

³Actual read range may vary based upon use case and antenna power.

Physical Specifications

- **Material** White thermal transfer face stock
- **Dimensions (in)¹** 2.68 x 0.51 x 0.04
- **Dimensions (mm)¹** 68 x 13 x 1
- **Packaging** 2500pcs/roll
- **Weight (roll)** 4.28 lbs (1.94 kg)



Mounting Systems

- Adhesive, hanging

Installation Instructions

1. Clean the surface using Isopropyl alcohol, alcohol pad or equivalent solvent to ensure surface is free from dirt, dust, oil and misc, debris that may affect adhesion.
2. Handle the label by edges, peel release liner from back ensuring not to touch the adhesive.
3. Place the label in desired tagging location and firmly apply even pressure to the label for 5 seconds.
4. Do not disturb the newly mounted label for at least 15 minutes to ensure proper adhesive seating.

¹ Tolerance: Length/Width= +/- 0.02; Thickness= +/- 0.008

² Tolerance: Length/Width= +/- 0.50; Thickness= +/- 0.200

Industry Compliance



Order Information

METAL SKIN Titanium 25 Lasso: X6813-GL011-U9

Customization Options

Encoding

Printing

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