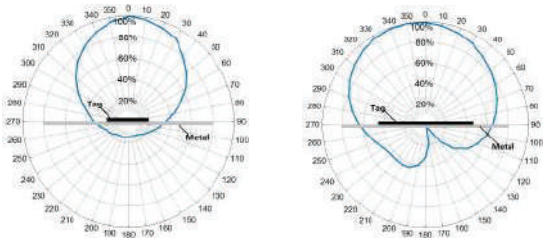



# METAL SKIN PLATINUM

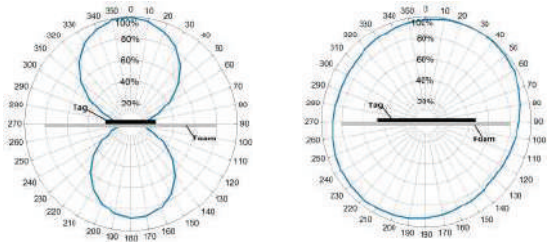
## Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 902-928 MHz (US); 865-868 MHz (EU)
- **IC type** (chip)[1] NXP UCODE 9
- **Chip memory**[2] 96 bits EPC; 96 bits TID
- **Read range** on metal[3] Up to 16.40 ft (5 m)
- **Read range** off metal[3] Up to 6.56 ft (2 m)
- **Polarization** Linear
- **Radiation pattern**

On metal-Horizontal / Vertical



Off metal-Horizontal / Vertical



## Key Features

+ **Flexible label:** for curved surfaces
+ **Printable:** human and computer-readable
+ **IP68 rating:** waterproof

## Applications

- **Industrial supply chain**
- **RTI management**
- **Warehouse automation**
- **Automated inventory**

## Environmental Specifications

**Temperatures**

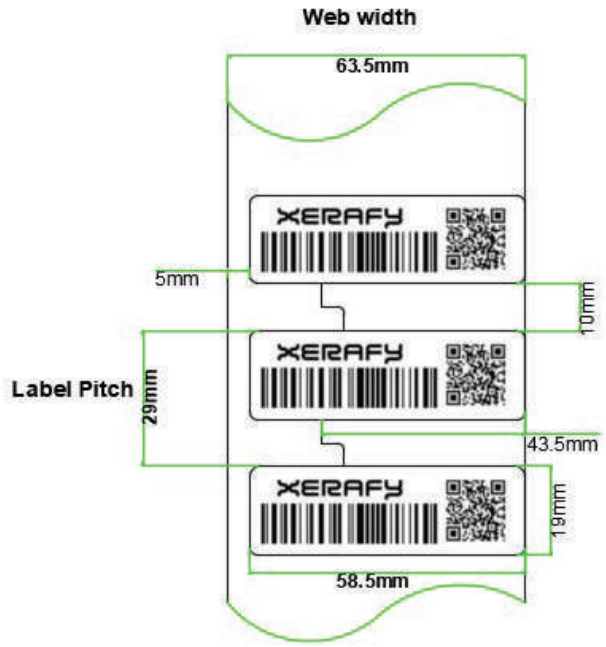
- Operational -40°C to +85°C
- Survival -40°C to +85°C

- **IP rating** IP68
- **Compression strength** 14 psi (97 kPa)
- **Printer compatibility** Sato CL4NX; Postek TX2r/3r/6r; TSC Printronix T6000e
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

[1] The chip data retention is up to 50 years, based on chip operating under general environment conditions.
[2] EPC can be re-programmed or permanently locked, can not be password protected. TID is locked and unique at the point of manufacturing.
[3] Actual read range may vary based upon use case and antenna power.

# Physical Specifications

- **Material** White thermal transfer face stock
- **Dimensions (in)**[1] 2.30 x 0.75 x 0.04
- **Dimensions (mm)**[2] 58.50 x 19 x 1
- **Delivery format** On roll
- **Quantity per roll** 500
- **Weight (roll)** 1.32 lbs (0.60kg)




## Mounting Systems

· Industrial adhesive

## 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: +/- 0.02; +/- 0.50
[2] Tolerance: H=0.04(+/- 0.004); H=1(+/- 0.100)

# Industry Compliance

# Order Information

| METAL SKIN Platinum US: X50A3-US011-U9 | METAL SKIN Platinum EU: X50A3-EU011-U9 |
|---|---|

## Customization Options

| Encoding | Printing |
|---|---|
| ATEX Certified Version | |

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