

## XSKIN Baggage 50.8

### Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2, ISO 18000-63
- **Frequency** 840-960 MHz (Global)
- **IC type**(chip)<sup>1</sup> Kiloway
- **Chip memory** 96 bits EPC (configurable up to 240 bits), 96 bits TID, 1312 bits User Memory
- **Memory type** XLPM (super low-power permanent memory)
- **Write cycles** one time
- **Data retention** 50 years
- **Read range** fixed<sup>2</sup> Up to 22.97 ft (7 m)
- **Polarization** Omni directional

### Key Features

- + **High memory:** 1,312-bit User Memory for traceability
- + **Global:** compatible with international RAIN RFID standards for seamless cross-border deployment
- + **Small size:** fit for small asset
- + **7m:** long read range off metal
- + **Passive tag:** none battery powered

### Applications

- **Baggage tracking**
- **Retail inventory management**
- **Supply chain management**
- **Library management**

### Environmental Specifications

#### Temperatures



- **Operational** -20°C to +50°C
- **Survival** -40°C to +85°C

- **Humidity** 20%-80% RH
- **Vibration** MIL-STD-810G
- **Printer compatibility** Zebra ZT411R; SATO CL4NX Plus; TSC Printronix T6000e
- **Warranty** 1 year

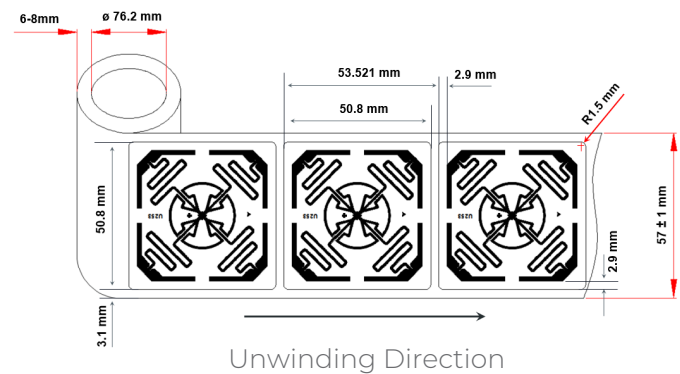
<sup>1</sup> The chip data retention is up to 50 years, based on chip operating under general environment conditions.

<sup>2</sup> Off metal. Actual read range may vary based upon use case and antenna power.



## Physical Specifications

- **Label Material** Printable white paper
- **Reel core material** Cardboard
- **Reel core inner dimension** 76.2mm/3(in)
- **Dimensions (in)**<sup>1</sup> 2 x 2 x 0.01
- **Dimensions (mm)**<sup>1</sup> 50.80 x 50.80 x 0.25
- **Delivery format** On roll
- **Quantity per roll** 2,000
- **Weight (roll)** 3.09lbs ( 1.40kg)
- **Sensing type:** Gap



## Mounting Systems

- Industrial adhesive

## Installation Instructions

1. Clean the surface using isopropyl alcohol, an alcohol pad, or equivalent solvent to remove dust, oil, and debris that may affect adhesion.
2. Handle by the edges and peel off the release liner without touching the adhesive.
3. Position and apply the label at the desired location, pressing firmly and evenly for 5 seconds.
3. Allow to set undisturbed for at least 15 minutes to ensure proper adhesive bonding.

<sup>1</sup> Tolerance: +/- 0.02; +/- 0.50

## Industry Compliance



## Order Information

XSKIN Baggage 50.8: X5151-GL011-KX2005XG-B

## Customization Options

Encoding

Printing

The information provided by Xerafy Singapore Pte. Ltd. is for general information purposes only. All information on the datasheet is provided in good faith. However we make no representation or warranty of any kind, express or implied, regarding the accuracy, adequacy, validity, reliability, availability, or completeness of any information on the datasheet.

Under no circumstance shall we have any liability to you for any loss or damage of any kind incurred as a result of the use of the product or reliance on any information provided on the datasheet. Your use of the product and your reliance on any information on the datasheet is solely at your own risk.