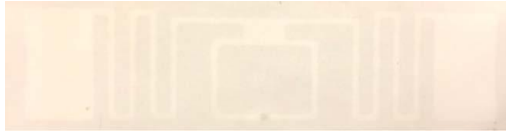


Gamma Label



The Gamma Label is the first UHF Label designed to survive e-beam and gamma sterilization applications. It's extremely low profile and flexible for any non-metallic curved surfaces with up to 3 m read range.

With two size options, it can incorporate human readable printing, barcodes, and graphics.



Global frequency



Printable



Withstand e-beam and gamma sterilization



Long read range off metal



Cost effective label



- Healthcare devices and equipment
- Pharmaceutical & biotech processing equipment
- Food

Performance Characteristics

| | |
|-------------------------------------|---------------------------|
| Read range ¹ (Handheld) | Up to 6.5 ft (2 m) |
| Read range ¹ (Fixed) | Up to 9.8 ft (3 m) |
| Polarization | Linear |
| Mounting system | High performance adhesive |

1. Off metal

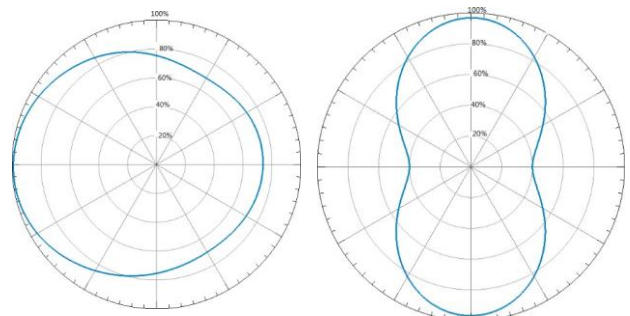
Functional Specifications

| | |
|-----------------------------|-------------------------------------|
| RF protocol | EPC global Class 1 Gen2 |
| Frequency | 902-928 , 865-868 MHz (Global) |
| IC type (chip) ¹ | MB97R8050-AP15-ES |
| Memory | 160-bit EPC, 176-bit serialized TID |
| Face material | White thermal transfer face stock |

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

Radiation Pattern

Off metal-Horizontal / Vertical



Environmental Specifications

| | |
|-------------------------|---|
| Operational temperature | -40°C to +85°C |
| Survival temperature | -40°C to +85°C (long term) |
| Resistance compliance | Gamma, E-beam sterilization |
| Shock (drop) | 3 ft (1 m) to concrete/granite |
| Vibration | MIL-STD-810G |
| Printer compatibility | Sato CL4NX, CT4-ex-RF Zebra ZD500R, ZT600, ZT400 |

Industry Compliance

| | |
|------------|-------------------------|
| RoHS | EU Directive 2011/65/EU |
| CE | Yes |
| ATEX/IECEX | Compliant |
| Warranty | 1 year |

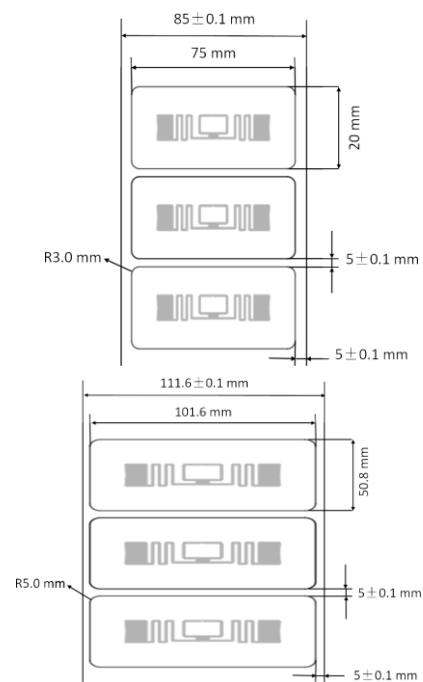
Order Information

| | |
|------------------|----------------------------|
| X6101-GL011-F1 | Gamma Label (75 x 20) |
| X6201-GL011-F1 | Gamma Label (101.6 x 50.8) |
| Optional service | encoding / printing |



Product Dimensions and Weight

| | |
|---------------------------|--|
| Dimensions (in) | 2.95 x 0.79 x 0.008 4.0 x 2.0 x 0.008 |
| Tolerance | +/- 0.02 |
| Dimensions (mm) | 75 x 20 x 0.2 101.6 x 50.8 x 0.2 |
| Tolerance | +/- 0.5 |
| Delivery format | On roll |
| Quantity per roll (small) | 1000 |
| Quantity per roll (large) | 2000 |
| Weight (roll) | 2.54 lbs (1.15kg) |



Installation Instructions

Instructions for optimal performances:

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 newly mounted label for at least 15 minutes to ensure proper adhesive seating.