XERAFY
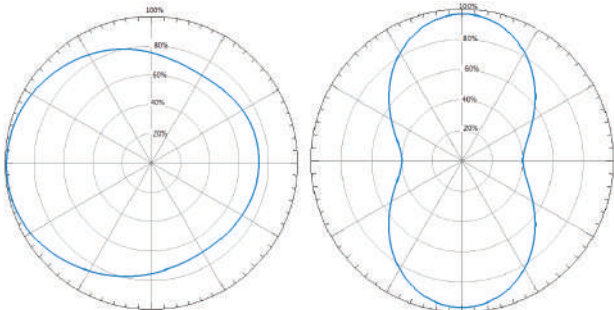
XSKIN GAMMA

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type** (chip)[1] Fujitsu
- **Chip memory** 160 bits EPC; 176 bits serialized TID
- **Read range** fixed[2] Up to 9.84 ft (3 m)
- **Read range** handheld[2] Up to 6.56 ft (2 m)
- **Polarization** Linear
- **Radiation pattern off metal**

Off metal-Horizontal / Vertical

Key Features

- **+ Disposable:** withstand single e-beam and gamma sterilization
- **+ Logistics ready:** up to 3 meters read range (off metal)
- **+ UDI ready:** printable label for human and computer-readable information
- **+ Global frequency:** integrates into the most complex supply chains
- **+ Adhesive included:** for easy and quick attachment
- **+ Converter ready:** designed for high volumes (1,000 labels per roll)

Applications

- Medical devices and equipment
- Medical supplies / PPE
- Pharmaceutical & biotech processing equipment
- Food processing / industry

Environmental Specifications

Temperatures

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

- **IP rating** IP54
- **Resistance compliance** Gamma (25 kGy), E-beam sterilization
- **Compression strength** 14 psi (97 kPa)
- **Vibration** MIL-STD-810G
- **Printer compatibility** Sato CL4NX, CT4-ex RF; Zebra ZD500R, ZT600, ZT400
- **Warranty** 1 year

[1] The chip data retention is up to 50 years, based on chip operating under general environment conditions.
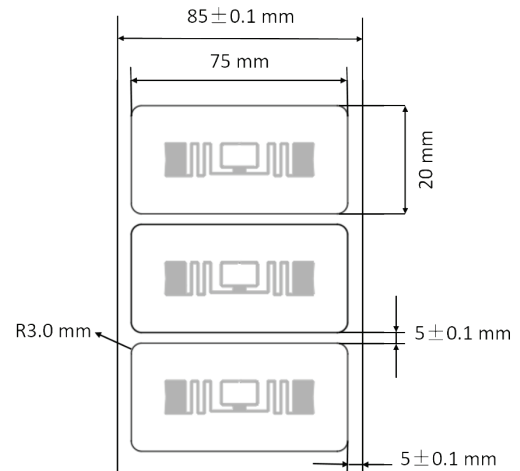[2] Off metal

XERAFY

Physical Specifications

- **Material** White thermal transfer face stock
- **Dimensions (in)**[1] 2.95 x 0.79 x 0.01
- **Dimensions (mm)**[1] 75 x 20 x 0.20
- **Delivery format** On roll
- **Quantity per roll** 1,000
- **Weight (roll)** 1.43 lbs (0.65kg)

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

[1] Tolerance: +/- 0.02; +/- 0.50

85±0.1 mm
75 mm
20 mm
R3.0 mm
5±0.1 mm
5±0.1 mm

Industry Compliance

RAIN RFID · RoHS 2002/95/EC · REACH COMPLIANCE · CE · ETSI · FC · ISO 9001:2015 · ISO 14001

Order Information

XSKIN Gamma: X6101-GL011-F1

Customization Options

Encoding

Printing