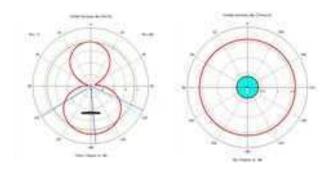




CIRCULAR TRAK

Technical Specifications

- RF protocol EPC global Class 1 Gen 2
- Frequency 902-928 MHz (US); 865-868 MHz (EU)
- IC type (chip) Impini R6-P
- Chip memory 128/96 bits EPC; 48 bits TID; 32/64 bits user memory
- Read range on metal² Up to 7.55 ft (2.30 m) US
- Read range off metal² Up to 4.27 ft (1.30 m) US
- Polarization Linear
- Radiation pattern on metal



Key Features

- + Food-grade silicone: withstand detergents
- + **Hig-temp resistance:** survive up to 100C washes
- + IP68: waterproof
- + Multi-surface: for metal and nonmetal
- + **Durable:** designed for the circular economy

Applications

- Hospitality and food industry
- Reusable containers
- Metal equipment

Environmental Specifications

Temperatures



- Operational -40°C to +85°C
- Survival -40°C to +100°C

- **IP** rating IP68
- Compression strength 145psi (1MPa)
- Shock 3ft (1 m) to concrete/granite
- Vibration MIL-STD-810G
- Warranty 1 year

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³ The chemical resistance is based on the concentration of solutions and application environment. Please contact Xerafy for further details on chemical resistance



 $[\]frac{1}{2}$ The chip data retention is up to 50 years, based on chip operating under general environment conditions.

Fix reader.



Physical Specifications

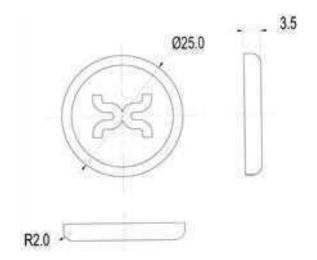
- Material Food grade silicone
- **Dimensions (in)**¹ Ø 0.98 × 0.14
- **Dimensions (mm)**¹ ø 25x 3.50
- Weight 0.08 oz (2.20 g)

Mounting Systems

· Food grade silicone glue

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 Circular TRAK by the edges and apply silicone glue to the back of the tag, ensuring not to touch the glue.
- 3. Place the tag in desired tagging location and firmly apply even pressure to the tag for 10 seconds.
- 4. Keep the tag facing up and do not touch it for 24 hours to ensure the silicone glue fully solidifies.



Industry Compliance



















Order Information

Circular TRAK US: X0553-US170-R6P

Circular TRAK EU: X0553-EU170-R6P

Customization Options

Encoding

Laser Marking

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¹ Tolerance: +/- 0.004; +/- 0.100