



# XYLINDER OUTDOOR

## **Technical Specifications**

- RF protocol EPC global Class 1 Gen 2
- Frequency 860-960 MHz (Global)
- IC type (chip) NXP UCODE8
- Chip memory<sup>2</sup> 128 bits EPC; 96 bits TID
- Read range on metal<sup>3</sup> Up to 9.84 ft (3 m)
- Polarization Linear

## **Key Features**

- + Curved tag: fits rounded surfaces of LPG gas cylinders and beer kegs
- Range: optimal read ranges on metal on plastics
- + Industrial adhesive: fast and reliable mounting
- + **Durability:** protection against shocks and impacts
- + IP68: withstand regular washes and outdoor environments

### **Applications**

- LPG cylinders
- LPG tanks
- Industrial gas cylinders
- Beer kegs

# **Environmental Specifications**

#### **Temperatures**



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

- **IP** rating IP68
- Compression strength 35 psi (241 kPa)
- Shock 3ft (1 m) to concrete/granite
- Vibration MIL-STD-810G
- Warranty 1 year

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Version No: 24 02 28

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

<sup>&</sup>lt;sup>2</sup> EPC and User Memory can be re-programmed, password protected, or permanently locked. TID is locked and unique at the point of

<sup>&</sup>lt;sup>3</sup> Fix reader on metal



## **Physical Specifications**

- Material Industrial grade polymer
- **Dimensions (in)**  $12.44 \times 1.26 \times 0.39$
- **Dimensions (mm)** <sup>1</sup> 62 × 32 × 10
- **Weight** 0.37 oz (10.40 g)

#### **Mounting Systems**

- · Industrial adhesive
- · Rivets or screws

#### **Installation Instructions**

Attach with industrial adhesive:

- 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 tag by edges, peel the release liner from back ensuring not to touch the adhesive.
- 3. Place the tag in the desired tagging location and firmly apply even pressure to the tag for 5 seconds.

Attach with M3 rivets (optional):

- 1. Drill two holes (ø 3.50) in the metal surface, pitch: 54.50 mm.
- 2. Utilize M3 rivets in conjunction with a rivet gun to securely fasten the tag onto the metal surface.

# **Industry Compliance**

















## **Order Information**

XYLINDER OUTDOOR: X0362-GL101-U8

#### **Customization Options**

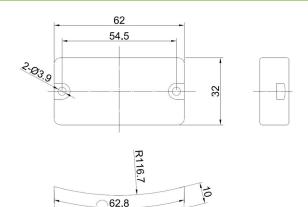
Encoding

Laser Marking

Printing<sup>1</sup>

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

 $<sup>^{</sup>m 1}$  The standard Xylinder Outdoor comes with no Xerafy logo on the surface.