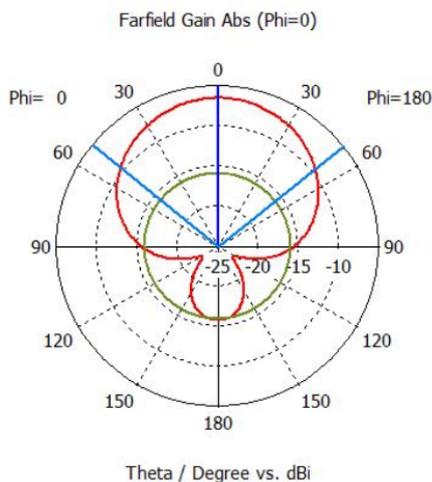




XYLINDER OUTDOOR

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 902-928 MHz (US); 865-868 MHz (EU)
- **IC type (chip)**¹ NXP UCODE 9
- **Chip memory**² 96 bits EPC; 96 bits TID
- **Read range on metal**³ Up to 22.97 ft (7 m)
- **Read range off metal**³ Up to 16.40 ft (5 m)
- **Polarization** Linear



Key Features

- + **Bendable:** fits curved surfaces
- + **Hardened silicone:** absorbs shocks and impacts for enhanced durability
- + **Weatherproof:** resistant to outdoor conditions, UV exposure, and high-pressure washdowns
- + **7 m read range:** optimized performance on metal surfaces
- + **Secure mounting options:** industrial adhesives, glue, epoxy, or welding

Applications

- **LPG cylinders**
- **Industrial gas cylinders**
- **Metal and plastic kegs**
- **Fire extinguishers**
- **Tubulars**

Environmental Specifications

Temperatures



- Operational -40°C to +85°C
- Survival -40°C to +150°C

- **IP rating** IP69K
- **Shock** 3ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

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

² EPC and User Memory can be re-programmed, password protected, or permanently locked. TID is locked and unique at the point of manufacturing.

³ Fix reader on metal

Physical Specifications

- **Material** Engineered silicone
- **Dimensions (in)**¹ 2.36 x 1.61 x 0.31
- **Dimensions (mm)**¹ 60 x 41 x 8
- **Weight** 0.57 oz (16.10 g)

Mounting Systems

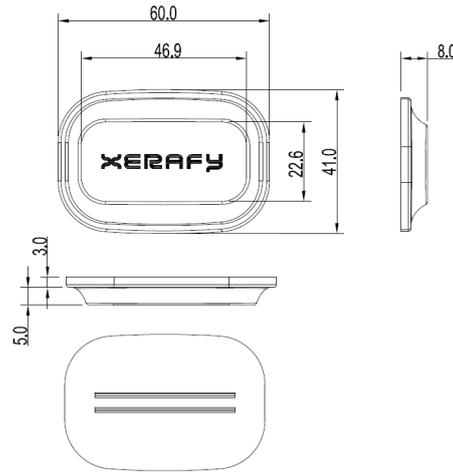
- Durable glue bond
- Industrial adhesive

Installation Instructions

A durable glue bond inside the cylinder's guard ring is the recommended method of attachment. For detailed installation guidelines, refer to the Xerafy LPG Cylinders guide.

1. Select a mounting location inside the cylinder's protection ring.
2. Clean the surface thoroughly for strong adhesion.
3. Apply glue evenly to the back of the Xylinder tag.
4. Press the tag vertically and firmly onto the surface.
5. Use tape to hold the tag in place while the glue cures.
6. Remove the tape after 24 hours (curing time may vary by adhesive).

¹ Tolerance: +/- 0.02; +/- 0.50



Industry Compliance



Order Information

XYLINDER OUTDOOR US: X0362-USP70-U9

XYLINDER OUTDOOR EU: X0362-EUP70-U9

Customization Options

Encoding

ATEX Certification

Laser Marking (logo, texts, numbers)

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