

## Xerafy Xylinder EPC UHF RFID-On-Metal Cylinder Tag

Xerafy's ruggedized UHF RFID Xylinder is specifically designed to fit the neck of cylinders and containers and perform well under extreme RFID use, providing reliable identification of assets in critical situations. The Xylinder provides unrivaled performance-to-size ratio, is easy to attach, and is ATEX certified for safe use in hazardous areas.



### Features:

- Custom package fits neck of gas cylinders
- ATEX certified for hazardous areas
- IP69K rated for outdoor harsh environment



### Applications:

Gas cylinder tracking  
Container management  
Smart grid identification

### Xylinder

P/N: X1122-US100-H3 / X1122-EU100-H3

The Xylinder is one of the best performing RFID-on-metal tag in the industry for identifying and recording information on gas cylinders and other containers of similar shape.

### Specifications:

EPC Class 1 Gen 2 (ISO 18000-6C)	512-bit user memory
Passive UHF RFID transponders	64-bit TID; 96-EPC bits, extendible to 480 bits
Frequency:	902-928 MHz (US), 866-868 MHz (EU)
Dimensions / tolerance (mm):	ø 32 x 9.1 (+/- 0.35)
Dimensions / tolerance (in):	ø 1.26 x 0.36 (+/- 0.014)
Weight:	0.26 oz (7.4 g)
Read range on metal (2W ERP):	Up to 19 ft (6 m)
Operating temperature:	-40°F to +185°F (-40°C to +85°C)
Application temperature:	-40°F to +302°F (-40°C to +150°C)
Attachment method:	High performance adhesive
IP rating:	IP69K
Compliance	RoHS, CE, ATEX

1. Stated performance based on standard testing, read range may vary dependent on hardware and power.  
2. EPC and user memory reprogrammable, unique TID locked at point of manufacture.

