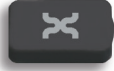# Xerafy Pico Plus Series
EPC UHF Metal RFID Tags

Xerafy's Pico Plus Series UHF RFID tags are UHF RFID metal tags sized to fit on small metallic assets like blade servers yet exceed competitive read range performance for tags twice its size. At 0.47 x 0.28 x 0.12 inches (12 x 7 x 3 mm) the Pico-On Plus has a small package that packs a mighty punch with up to 10 feet (3 m), providing an unmatched value proposition for multiple markets from IT asset tracking, tool tracking to instrument tracking. The Pico-iN Plus can be embedded into the head of a bolt to RFID enable any aviation, automotive or manufacturing product. The IP68 rated PicoX II Plus achieves stunning read ranges and can be attached to weapons, tools, and medical devices.

Features:

- Increased read performance
- Passive UHF EPC Class 1 Gen 2
- Small size
- High application temperature range

The Pico Plus Series complement Xerafy's existing product lines with breakthrough read distance to size ratios, ideally suited for new applications in military and defense, oil and gas, energy and MRO (maintenance, repair and overhaul).

XERAFY®

Pico Plus Series RFID-On-and-In-Metal Tags

Series 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)
Compliance:	RoHS, CE, ATEX/IECEx

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.

Pico-On Plus   P/N: X3110-US001-H3/X3110-EU001-H3

The Pico On Plus is designed to be attached on metal assets where its small size and low profile are very advantageous.

Dimensions / tolerance (mm):	12 x 7 x 3.2 (+/- 0.3)
Dimensions / tolerance (in):	0.47 x 0.28 x 0.13 (+/- 0.012)
Weight:	0.05 oz (1.4 g)
Read range on metal (2W ERP):	Up to 10 ft (3 m)
Operating temperature:	-22°F to +185°F (-30°C to +85°C)
Application temperature:	-40°F to +302°F (-40°C to +150°C)
Attachment:	High performance adhesive

Applications:

IT asset identification

Tool tracking

Medical device management

Pico-iN Plus   P/N: X3210-US001-H3/X3210-EU001-H3

The Pico-iN Plus can be embedded into the head of a bolt to RFID enable any aviation, automotive or manufacturing product.

Dimensions / tolerance (mm):	12 x 7 x 3 (+/- 0.3)
Dimensions / tolerance (in):	0.47 x 0.28 x 0.12 (+/- 0.012)
Weight:	0.05 oz (1.4 g)
Read range on metal (2W ERP):	Up to 6.6 ft (2 m)
Operating temperature:	-22°F to +185°F (-30°C to +85°C)
Application temperature:	-40°F to +302°F (-40°C to +150°C)
Attachment:	Embedded

Applications:

Electronic device management

Tool tracking

Embedded bolt identification

PicoX II Plus   P/N: X3110-US101-H3/X3110-EU101-H3

The IP68 rated Pico^X II Plus achieves stunning read ranges and can be attached to weapons, tools, and medical devices.

Dimensions / tolerance (mm):	17.7 x 10.9 x 5.0 (+/- 0.3)
Dimensions / tolerance (in):	0.70 x 0.43 x 0.20 (+/- 0.012)
Weight:	0.07 oz (2 g)
Read range on metal (2W ERP):	Up to 10 ft (3 m)
Operating temperature:	-22°F to +185°F (-30°C to +85°C)
Application temperature:	-40°F to +302°F (-40°C to +150°C)
Attachment:	High performance adhesive
IP rating:	IP68

Applications:

IT management

Weapon tracking

Tool tracking