



RFID Oxygen Generator Tag

Aggressive Adhesion • RFID Product • Barcode & Variable Data • Custom Printed & Programmed • Durable Product ID • Long Range RFID • LSE Adhesive

Technical Data Sheet Part: #WF- SM-613100015- XGD

General Description

RFID Oxygen Generator Tag

A patent pending RFID tag solution that offers best in class read range on aircraft oxygen generators.

For airlines, using an RFID oxygen generator tag can improve daily expiration date inspections by reducing time & labor while increasing accuracy. Data that hasn't been previously recorded can be accessible where needed.

- RFID can reduce inspection time from hours to minutes
- Electronically updated data records allow for longer usage & better planning
- AS5678 Certified & Patent Pending

Applications

Safety & Compliance, Identification Labeling, High Value Asset Labeling, Informational placards, Asset Marking & Tracking

Material Description

RFID Oxygen Generator Tag

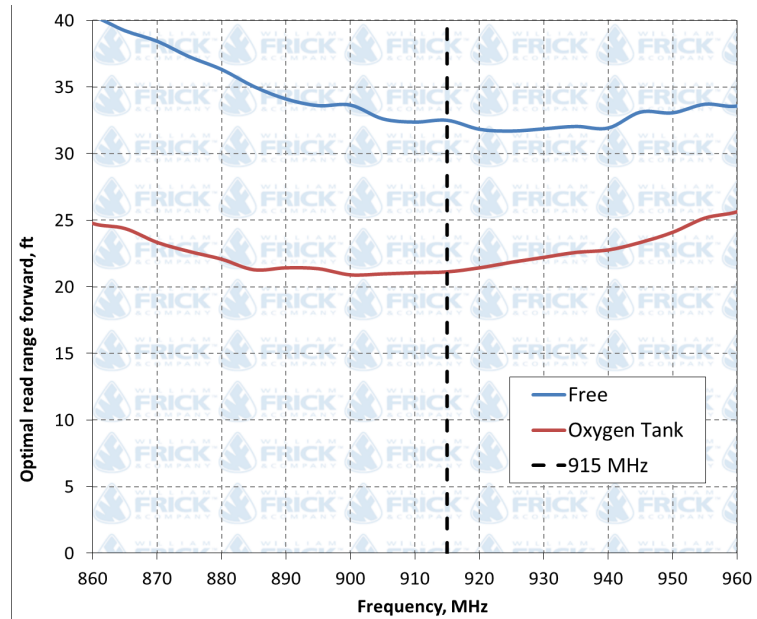
Size:	6.125" x 1.00"
Overall Thickness:	.015"
Temperature Range:	-40°F to 185°F (-40°C to 85°C)
Minimum Application Temperature:	50°F
Industry Certification:	SAE AS5678, DO-160, ATA Spec2000

RFID Performance

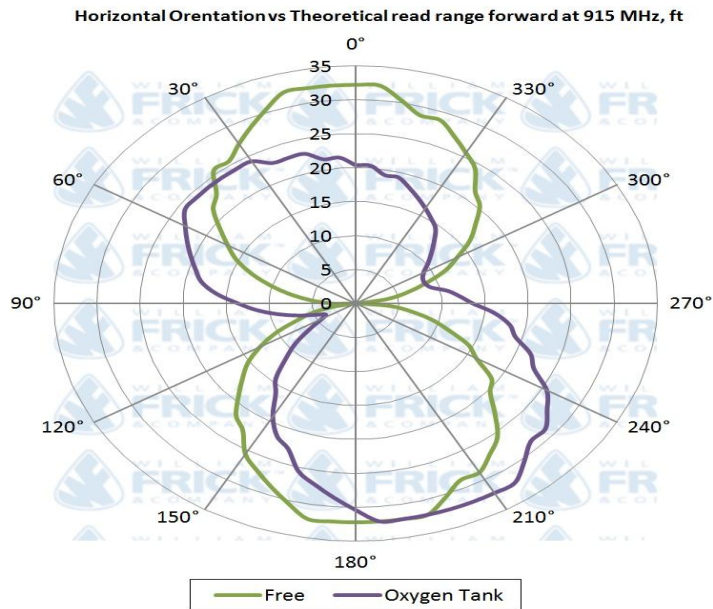
Operating Frequency:	840-960MHz
Supported Protocol:	ISO 18000-6C, UHF EPC Gen 2
IC:	*Alien Higgs 3

* Other single record and dual record chips available

Tag performance was experimentally measured in an anechoic chamber and a known set of experimental variables. The antenna used for measurements was linearly polarized and of monostatic configuration. The direction of tested polarization is as follows.



Optimal Read Range* on Different Material Surfaces:



*Tag performance was measured free of material influence. Actual read ranges may differ depending on conditions such as environment, tag placements, hardware, etc.

Adhesive

RFID Oxygen Generator Tag

Caliper:	.002" (0.05mm)
90° Peel Test	82N/ m
Temperature Range:	-40°F to 185°F (-40°C to 85°C)

Test product for system compatibility as individual application conditions can impact results. William Frick Co. does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/ or user. The purchaser and/ or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

