



# Laminated RFID Hang Tags

- Economical, durable and easy to use
- Available with custom colors
- Single or double sided
- Indoor or outdoor use

## Description



Specially laminated hang tags survive harsh environments similar to much more expensive RFID tags. The rigid polyester construction coupled with a special heavy duty laminate guarantees moisture and UV resistance. Temperature resistance tested to 180°F.

### Lowest Priced Durable RFID

The RFID hang tag is an economical outdoor durable RFID tag. To get the same combination of solvent, temperature, and UV-resistance in a standard RFID tag you would normally have to pay much more.

### Flexible Attachment

The WF-SM-17 Laminated RFID Hang Tag can be attached using wires through pre-drilled holes. This RFID tag can also come with copper eyelet bracing on the holes for more durable attachment. Another available



attachment option is 3M heavy duty permanent adhesive.

# Additional information

Model Number	WF-SM-17 Laminated RFID Hang Tag
Applications	Identification Labeling, Power Equipment Labeling, Small Engine Labeling, Asset Marking, Asset Tracking, High Temperature, Outdoor Use
Size	4.25" x 3.25" x 0.015"
Temperature Service Range	-40°F to 200°F
Water Resistance	Excellent
Solvents Resistance	Good
Abrasion Resistance	Fair
Impact Resistance	Good
Adhesive	Permanent Acrylic
Adhesion	Adhesion to HSE Plastics: Very Good, Adhesion to LSE Plastics: Fair, Adhesion to Steel at 72 hr. dwell: Excellent
Minimum Application Temperature	50° F
Shelf Life	Completely Stable, Stored at 70F and 50% Relative Humidity

# RFID Performance

RFID Protocol	UHF EPC Class 1 Gen 2
Tag Type	Passive Read/Write
Frequency Range	860 – 960 MHz (Global)
EPC Memory	96 bits
IC	Alien® Higgs® 3

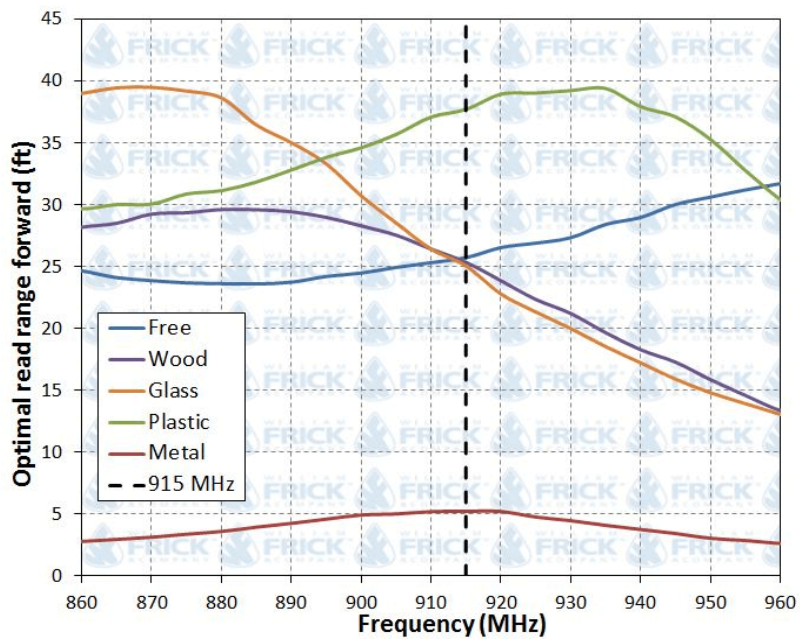
\*Other single record and dual record chips available.

Tested Polarization:

Tag performance was experimentally measured in an anechoic chamber with 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.