Laminated RFID Hang Tags

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

Description

SMARTMARK
DURABLE RFID TAGS & LABELS™

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 180ºF.

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

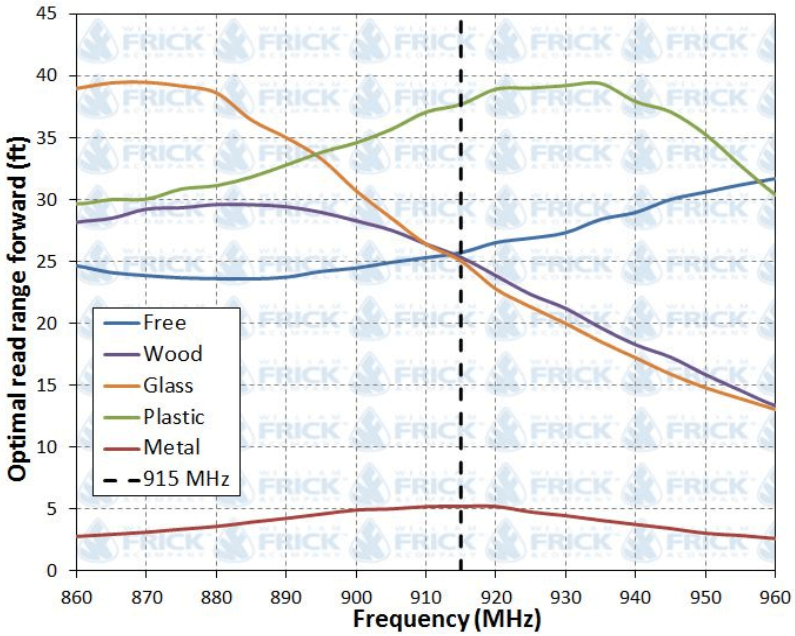
RFID Protocol	UHF EPC Class 1 Gen 2
Tag Type	Passive Read/Write
Frequency Range	860 – 960 MHz (Global)
EPC Memory	96 bits
IC	Alien® Higgs® 3

*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 polzarized 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.