



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

FRICK * COMPANY

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 |
|-----------------|------------------------|
| Тад Туре | 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.