



# **RFID Shipping Labels**

- Read range up to 36 feet
- Track valuable shipments, containers, and other packages
- Great for supply chain and asset management
- Custom designs, materials, and other inlays available

## Description



Frick's RFID Shipping Labels are great for product identification, asset tracking, inventory control and supply chain management. These versatile RFID package labels are available in a wide variety of material, RFID inlay and label adhesive combinations to suit your application. High print quality gives logos, graphics and messaging a professional look. Use for tracking packaged goods, containers, crates, pallets and more.

### Additional information



Model Number	WF-SM-01 RFID Shipping Labels
Applications	Identification Labeling, Container Tagging, Manufacturing, Product Marking, Warehouse
Material	Glossy Paper
Overall Thickness	1 mil ± 10%
Expected Outdoor Life	< 1 year
Temperature Service Range	-40º F to 160ºF
Minimum Application Temperature	40°F
Water Resistance	Poor
Oil Resistance	Poor
Solvents Resistance	Fair
UV Resistance	Fair
Abrasion Resistance	Poor
Adhesive	Genergal purpose adhesive
Adhesion	Adhesion to HSE Plastics: Good, Adhesion to LSE Plastics: Good, Adhesion to Glass at 72 hr. dwell: Excellent, Adhesion to Steel at 72 hr. dwell: Excellent
Shelf Life	1 Year, Stored at 70F and 50% Relative Humidity

# **RFID Performance**



RFID Protocol	UHF Class 1 Generation 2
Tag Type	Passive Read/Write
Frequency Range	840 - 960 MHz (Global)
EPC Memory	96 bits
IC	Alien® Higgs® 3

<sup>\*</sup>Other single record and dual record chips available.

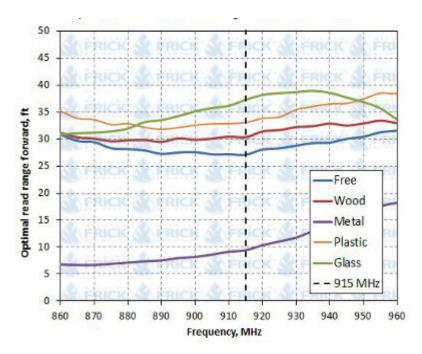
#### Tested Polarization:

Tag performance was experimentally mesaured 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:

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