



## 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 $\pm$ 10%
Expected Outdoor Life	< 1 year
Temperature Service Range	-40° F to 160°F
Minimum Application Temperature	40°F
Water Resistance	Poor
Oil Resistance	Poor
Solvents Resistance	Fair
UV Resistance	Fair
Abrasion Resistance	Poor
Adhesive	General 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

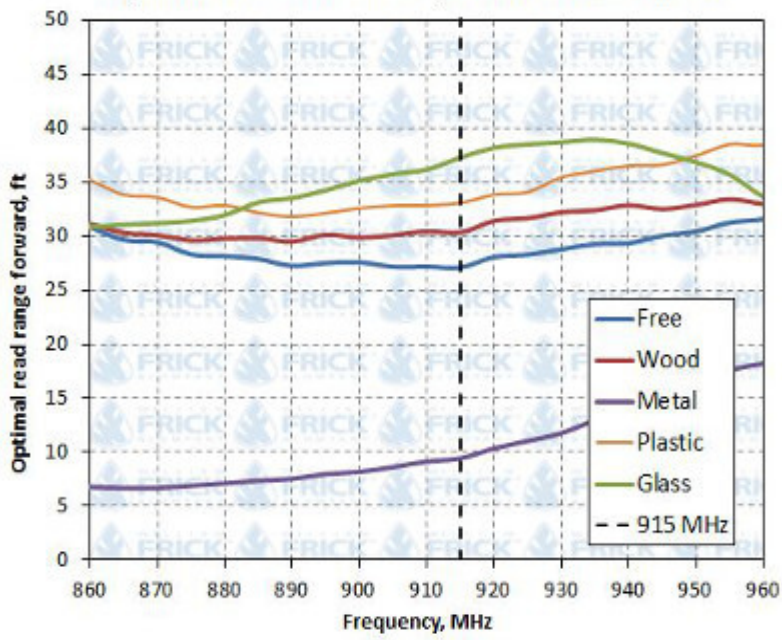
\*Other single record and dual record chips available.

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.