



## 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                        | 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          |

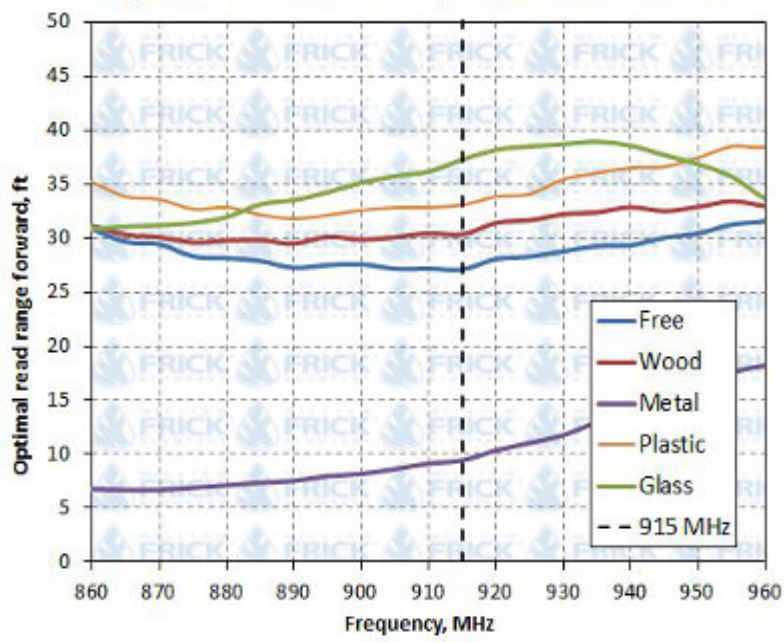
\*Other single record and dual record chips available.

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.