



Long Range Metal Mount RFID Tags

- Long read distance of up to 65 feet
- Conforms to any flat or curved metal surface
- Tracks overhead assets, storage yard items, etc
- Withstands harsh environments

Description



Use this metal mount RFID tag to track metal assets such as electrical transformers, generators and heavy duty equipment. The tag's self-adjusting "living hinge" design easily conforms to fit a variety of curved or flat surfaces, allowing users to use just one tag design for mounting onto various assets, including those with a cylindrical shape.

Featuring a patent-pending antenna design, the RFID tag offers an extended read range of up to 65 feet and maintains excellent read strength even in various reading orientations. Great for use with overhead RFID portals or to track overhead assets using a handheld RFID reader. You can also use it for long-distance RFID lateral reads of assets or equipment in outdoor storage yards, staging areas and parking lots.

Customize this metal mount RFID tag with barcode/serialization, logos and/or messaging. It's rugged outdoor-durable construction ensures long service life. Simply mount via screws, straps or adhesive.

Additional information



Model Number	WF-SM-58 Long Read Range Metal Mount RFID Tag
Applications	Asset Marking, Asset Tracking
Material	Polyester label on co-extruded PVC
Size	4.000" x 0.769" x 3.620"
Temperature Service Range	-40°F to 158°F
Adhesive	Acrylic
Minimum Application Temperature	-50°F
Shelf Life	2 Years, Stored at 70F and 50% Relative Humidity

RFID Performance

RFID Protocol	EPC Class 1 Gen 2; ISO 18000-6C
Tag Type	Passive Read/Write
Frequency Range	840 – 960 MHz (Global)
User Memory	512 bits
EPC Memory	96 bits
IC	Impinj® Monza® 5

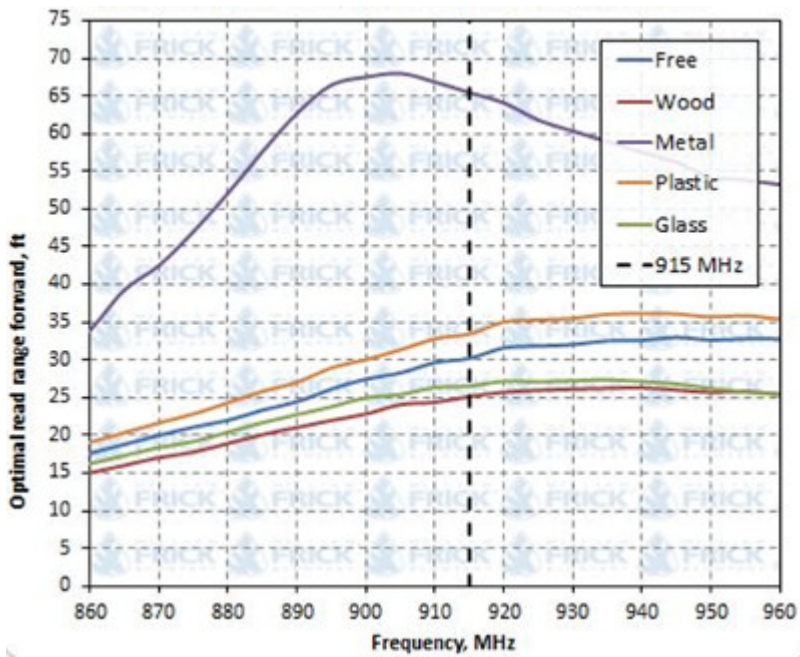
*Other single record and dual record chips available.

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.