RFID Multi Surface Asset Labels

- Read range up to 12 ft
- Custom print and encode labels on site
- Small form factor and low profile
- Works well on metal, plastic, glass, wood and containers with liquid

Description

SMARTMARK
DURABLE RFID TAGS & LABELS™

The RFID Multi Surface Asset Labels features a low-profile for custom on-site printing and encoding on thermal transfer printers. It not only reads well on metal, but other surfaces such as plastic, glass, wood and containers with liquid as well. You can customize this RFID label with human-readable information such as text, graphics,logos or barcodes.

The RFID Multi Surface Asset Label is perfect for inventory and asset management applications where a small form factor is required. This includes IT, manufacturing, healthcare and retail asset tracking applications.

Additional information

Model Number	WF-SM-M624 Multi Surface RFID Asset Tag
Applications	Identification Labeling, Metal Mount, Retail Product Tracking, Asset Marking, Asset Tracking, Serial labels, Warehouse
Size	2.36" x 0.94"
Overall Thickness	47 mils
Temperature Service Range	-4°F to 181°F
Water Resistance	Very Good
Abrasion Resistance	Good
Solvents Resistance	Very Good
Oil Resistance	Good
UV Resistance	Good

RFID Performance

RFID Protocol	UHF EPC Class 1 Gen 2; ISO 18000-6C
Tag Type	Passive Read/Write
Frequency Range	902 – 928 MHz (US)
User Memory	128 bits
EPC Memory	128 bits
IC	NXP UCODE 7

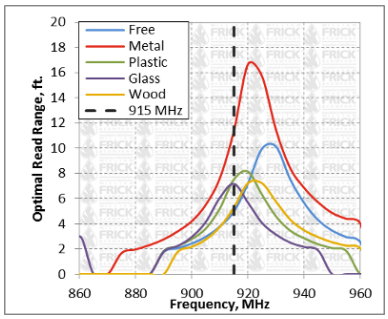
*Other single record and dual record chips available.

Tested Polarization:

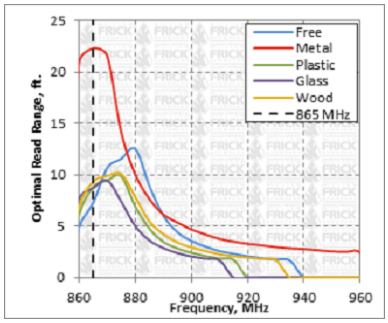
Tag performance was experimentally measured in an anechoic chamber with a known set of experimental variables. The antenna used for measurements was linearly polarized and of monostatic configuration. The direction of tested polarization is as follows.

Optimal Read Range* on Different Material Surfaces:

US Performance



EU Performance



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