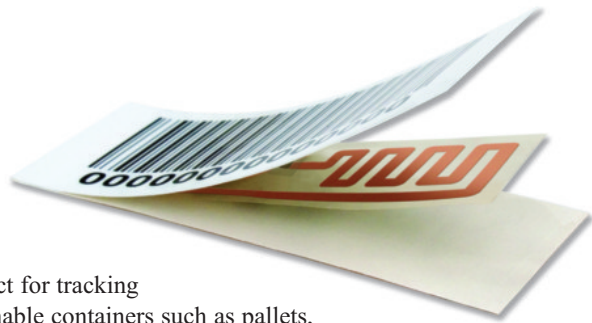# Standard RFID Tag
General Purpose, Extra Durable RFID Tag

Perfect for tracking returnable containers such as pallets, crates or totes, our Standard RFID Tag attaches directly to non-metal assets. The tag's construction protects the inlay by sealing it from environmental conditions that could affect the performance of the RFID tag while subsurface printing includes variable data such as bar code and/or human readable numbers. With three different sizes (including a new smaller size) and three different standard inlays, this tag accommodates a variety of asset shapes and sizes.

All of our RFID tags are designed with our proven durability, ready to withstand repeated usage in rugged environments, generating a greater ROI for your business. Each tag can be programmed to match the variable information printed on the label. Every product features a subsurface digital printing process which ensures crisp details on even the most complex logos for maximum clarity. Four color processing is available for limitless color and design options.

Key Product Features

- Ideal for asset tracking on non-metal surfaces

- Made of flexible polyester material

- Digital printing process provides for greater print capability with detailed logos or special designs

- Choice of up to four standard or custom colors

- Read range 18 to 20ft* mounted to non-metal surface

*Read range differs by environment and type of reader used

EXPRESS
IDENTIFICATION MADE SIMPLE

Specifications

Material: .002" polyester; approximately .017" total product thickness

Label Copy: The label copy may include block type, stylized type, logos or other designs. All copy, block type, stylized type, logos, designs, and bar code are subsurface printed. This unique process provides excellent resistance to solvents, caustics, acids and moderate abrasion.

Colors: Standard colors include black, red, yellow, green and blue. Due to contrast needed for the bar code scanner, all bar codes are black.

Serialization: Bar code and human-readable equivalent is produced using the latest high-resolution digital technology available, which provides excellent clarity and easy scanning. Code 39 is the standard symbology with a range of 2.7 to 9.4 CPI (characters per inch). Optional symbologies include Code 128, I 2 of 5, 2D DataMatrix, QR Code.

The bar code and human readable can be programmed into the RFID inlay as long as the information is in decimal or hexadecimal format. The programmed information can be locked, which prevents the RFID inlay from being rewritten. We can enclode up to 24 characters into the RFID inlay. If desired, we can encode information that differs from the bar code and human readable.

Frequency Range: 860-960 MHz

Standard Sizes: No. 1240: 4.125 x 0.75", No. 917: 4.5 x 1", No. 019: 2 x 1"

Shipment: 15-25 work days depending on order quantity and inlay availability.

Test Results

These tests were conducted for a limited period of time in strict laboratory conditions. In order to achieve maximum satisfaction we highly recommend that any customer considering use of this product test the labels in the environment in which they will be used.

Read Range Test: Tag has a read range of 18-20* ft using Motorola AR400 reader at 24 dbm (1/4 of maximum reader power)

Chemical Soak Test Results (24 hours): Test of label structure and printed image as well as readability of inlay.

Test Conditions	Result
Water	N.E.
Glass Cleaner	N.E.
Bathroom Cleaner	N.E.
Alcohol	N.E.
Acetone	Delaminated, Inlay Unreadable
NaOH	N.E.
Nitric Acid	N.E.

* Read range differs by environment and type of reader usage