

RFID Key Fobs



Our RFID Key Fobs are the ideal identification solution for personnel applications where the tag can be secured to a key chain, etc. Works great in conjunction with our other Access Control products, i.e. RFID Windshield Tags or Lanyard Badge, for a complete Access Control solution.

These tags perform even better than they look. Made from a variety of durable, permanent materials, the actual construction of the tag protects the tag by sealing it within the layers of durable material. In addition, each tag can be programmed to match the variable information printed on the label.

Key Market Features

- Stunning graphics! Our subsurface digital printing process ensures crisp details on even the most complex logos for maximum clarity
- Durable permanent materials, no paper layers
- Thinner profile, not bulky as thicker options commonly used
- 100% data verification
- Two-sided printing available – both constant and variable
- High frequency (HF) Tags available

Not sure what product you need?
Call our trained Experts



RFID Key Fob Product Construction

Standard Construction: Specialized RFID inlay encapsulated between .003” thick polyester and .010” thick polyester.

Optional Construction: Specialized RFID inlay encapsulated between .002” thick polypropylene and .010” thick polyethylene.

Label Copy: The label copy may include block type, stylized type, logos or other designs. All copy, block 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 are available.

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 encode 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: UHF = 860-960 MHz; HF = 13.56 MHz

Standard Sizes:
2 3/4” x 1” with 5/16” ID hole.

Shipment: Approximately 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 up to 10 ft using Motorola AR400 portal reader at 24 dbm

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 reader type.



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