



Features

Specialized inlays read well through windshield glass
Unlimited color options with choice of up to four standard or custom colors
Digital printing process provides for greater print capability with detailed logos or special designs
High frequency (HF) RFID Tags available
Double-sided registered option available

Product Print Options

Barcode . Data Matrix . QR Code . RFID . Serial Number . Text

Product Functionality

Abrasion Resistance . Chemical Resistance . Heat Resistance . UV/Outdoor Durability

Popular Applications

Government . Schools

Category

Access Control . RFID Access Control . RFID Tags

Vulcan RFID™ Custom Windshield Tags offer a more accurate and secure way to allow access into various locations like a gated community, company/corporate secured parking, or even a car wash. The inlay utilizes passive technology and is encapsulated between thin layers of polypropylene adding human readable printing to one side and a windshield-compatible adhesive to the other.

Unlike other windshield tags on the market, the RFID Windshield Tag utilizes passive RFID UHF technology offering a more economical option to the active windshield tags available. Encased between thin layers of polyester, the specialized inlay doesn't require a standoff to read either through or on a glass windshield. A tamper-evident option with strategically placed slits in the label and adhesive layers is also available at no additional cost.



Specifications Data

Material	Polyester
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.
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, dark blue, orange, purple or blue. Custom spot colors are also available at no additional charge. Due to contrast needed for the bar code scanner, all bar codes are black.
Standard Adhesive	High performance adhesive
Frequency Range	UHF = 860-960 MHz; HF = 13.56 MHz
Sizes	4.1875" x 1.125"; 2.5" x 0.75"
Packaging	Produced and shipped in roll form
Shipment	14 business days

Temperature Testing

Tag performs in temperature range of -13°F to 175°F. Note: Tag performance is limited to performance range of inlay.

Read Range Testing

Tag has a read range of 18 ft using Motorola AR400 portal reader at 24 dbm (1/4 of maximum reader power) and has a read range of 21 ft using Symbol MC906R handheld reader at 30 dbm (full power)



Label Adhesion Testing

This rating measures label adhesion after being exposed to chemicals listed below for a 2 hour soak.

Label Adhesion Test Data

Test conditions	Result
Isopropyl alcohol	No effect
Acetone	Label falls off
Water	No effect
Bath soap	No effect
Pyroil brake fluid	Label falls off
Glass cleaner	no effect



VULCAN RFID

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