RFID Windshield Tag

Controlling vehicle access to individual locations – whether it's corporate facilities, gated communities or downtown parking lots – can be a challenge. Eliminate the need for on-site staff and the hassle of stopping for a card reader with our RFID Windshield Tag.

Unlike other windshield tags on the market, our 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. This product provides a read range of approximately 18+ feet.* A tamper-evident option with strategically placed slits in the label and adhesive layers is also available at no additional cost.

Key Market Features

- Specialized inlays read well through windshield glass

- Read ranges of 18+ feet*

- 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

Not sure what product you need?
Call our trained Experts
800-437-5283 or 641-423-9460

Virtually impossible to remove in one piece – great for security applications!

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METALcraft
I.D. PLATES & LABELS

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*Read range differs by environment and reader type

RFID Windshield Tag Product Construction

Construction: Specialized RFID inlay encapsulated between .002" thick white polyester; approximately .018" - .020" total product thickness

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 Size:
4" x 1", 4⅜ x 1⅛"

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

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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 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)

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

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

Test Conditions	Result
Isopropyl Alcohol	100
Acetone	25
Water	100
Bath Soap	100
Pyroil Brake Fluid	25
Glass Cleaner	100

Chemical emergence tests are rated on a scale of 100 to 0:

100 = No Effect	25 = Label Falls Off
75 = Oozing Adhesive	0 = Label Destroyed
50 = Label Slides Off	

*Read range differs by environment and reader type.