



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 Metalcraft's RFID Windshield Tag.

Unlike other windshield tags on the market, the Metalcraft 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.

## 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

## 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 -13oF to 175oF. 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