



Controlling vehicle access to individual locations can be difficult. Eliminate the need for on-site staff and the hassle of stopping for a card reader with our RFID Windshield Tags.



Our RFID Labels are now available with our ColorFast™ option - a Tedlar® laminate that extends outdoor exposure for up to 10 years! Contact Metalcraft at 1-800-437-5283 or 641-423-9460 for more details.

### Material and Design Specifications

- Overall dimensions 4.1875" x 1.125" x 0.013" (106.36 x 28.58 x 0.33 mm) or 2.5" x 0.75" x 0.013" (63.5 x 19.05 x 0.33 mm)
- Other sizes are available
- .002" (0.051 mm) high performance adhesive
- Created from durable layers of polyester
- Features high-quality digital print for complex details and logos

### Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 840-960 MHz (Global)
- **IC type:** Various
- **Chip memory:** Various
- **Read range on glass** 25-30 ft. (7.62-9.14 m)

## RFID Windshield Tags

### RFID FOR GLASS SURFACES

#### Key Features

- 25-30 ft. (7.62-9.14 m) read range on glass surfaces
- Specialized inlays read well through windshield glass
- Digital printing process provides for greater print capability with detailed logos or special designs.
- Compatible with RFID Tracking Software
- Double-sided print option available

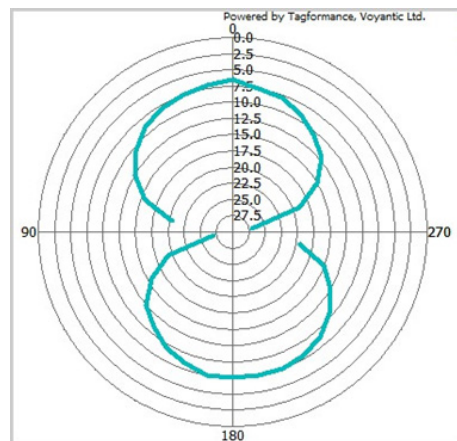
#### Applications

- Asset Tracking
- Access Control
- Loyalty Program

#### Environmental Specifications

- Minimum Application Temperature 50 °F (10 °C)
- Operating Temperature Range: -40 °F to +185 °F (-40 to 85 °C)
- UV Resistance: Indoor/outdoor use
- Chemical Resistance: Can withstand common cleaning chemicals.

#### Radiation Pattern



\*Standard inlay pattern, will vary with custom inlay options.

## Test Results

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

**Chemical Resistance Summary:** This table contains observations of the conditions that developed during chemical exposure

Product (Time)	Water	Salt Water (5% NaCl)	Bathroom Cleaner	Glass Cleaner	Isopropanol 99%	Brake Fluid	Acetone	Diesel	Nitric Acid	Hydrochloric Acid	Sodium Hydroxide
W52 Interior Mount (48 Hours)	NE	NE	NE	NE	AO	NE	AL, AO TD	AO	NE	NE	NE

Note: All tags are readable with RAY12 Mobile Reader post exposure.

Key: NE = No Effect, AO = Adhesive Ooze, AL = Loss of Adhesion to Glass Panel, TD = Tag Delaminated

### Max Temperature Exposure

RFID Windshield Tag

300 °F (149 °C)

## Installation Instructions

1. Clean the surface using Isopropyl alcohol, alcohol pad or equivalent solvent to ensure surface is free from dirt, dust, oil and misc. debris that may affect adhesion.
2. Handle the tag by edges, peel release liner from back ensuring not to touch the adhesive.
3. Place the tag in desired tagging location and firmly apply even pressure to the tag for 5 seconds.
4. Do not disturb the newly mounted tag for at least 72 hours to ensure proper adhesive sealing.

## Industry Compliance

