



# CUSTOM RFID WINDSHIELD TAG

Vulcan RFID Custom Windshield Tags provide a reliable, cost-effective solution for **secure access** to gated communities, corporate parking, car washes, and more.

Using **passive UHF RFID technology**, these thin, high performance tags enable **accurate reads through glass**, making them an economical alternative to active tags.

These tags are **chemically resistant** to many cleaners and acids, **UV resistant** against sunlight, feature an **adhesive backing** that is engineered for use on **windshields**, and come standard with **tamper-evident security slits**, ensuring any unauthorized attempts to remove the tag is noticeable.

Windshields with **metallic coatings** may interfere with RFID signals. For **optimal performance**, avoid placing tags on treated areas of windshields and **contact us** for guidance on the best placement.

Vulcan RFID Custom Windshield Tags can be customized to suit many applications, including but not limited to:

- Car Washes
- Gated Communities
- Corporate Parking
- Asset Tracking
- Loyalty Programs





## Specifications

ELECTRICAL	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	UHF ISO-18000-6C
	IC Type:	Impinj M730
	Memory:	EPC 128 Bits, User 0 Bits, TID 96 Bits
	EPC Memory Content:	Dependent on Desired Encoding
	Max Read Distance:	Up to 9.14 m (30 ft)
	Applicable Surface Materials:	Non-Metallic Glass, Plastic
MECHANICAL	Tag Form Factor:	Label Tag
	Tag Materials:	PET
	Attachment Method:	High Performance Pressure Sensitive Adhesive
	Dimensions:	106.36 x 31.75 x 0.25 mm (4.1875 x 1.25 x 0.01 in)
	Weight:	1 g (0.002 lbs)
ENVIRONMENT	Operating Temperature:	-40° to +80°C (-40° to +176°F)



## Diagrams

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

Product (Time)	Water	Glass Cleaner	Bathroom Cleaner	Alcohol	Acetone	Sodium Hydroxide	Nitric Acid	Hydrochloric Acid	Brake Fluid	Diesel Fuel
Destructible RFID Windshield Tag (72 Hours)	NE	NE	NE	PD	D	NE	NE	NE	NE	PD

### Key

NE = No Effect

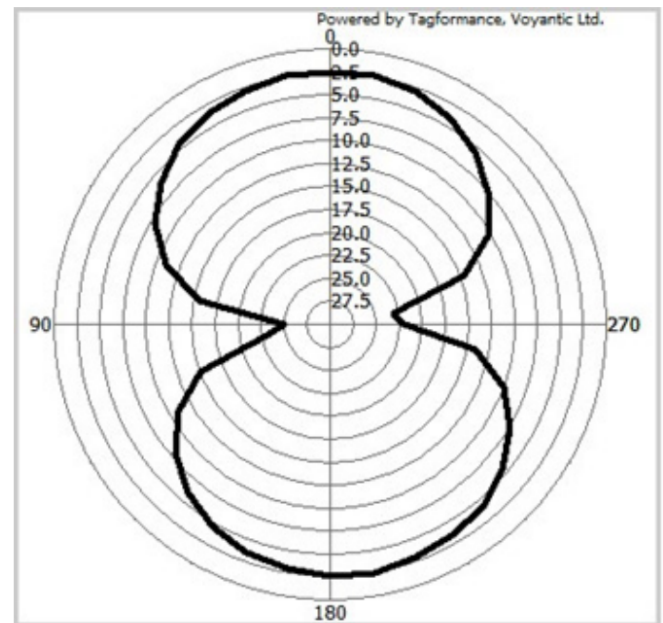
PD = Partially Delaminated

D = Delaminated

## 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.

## Radiation Chart



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



Accessories & Compatible Products

Vulcan RFID Read & Write Software



VUL-UHF-READ-WRITE-SOFTWARE

Vulcan RFID Iron USB Reader



VUL-USB-IRON-INTANT-ENC-US

Vulcan RFID Indium Handheld Reader



VUL-HH-INDIUM-IMG-US

Vulcan RFID Titanium UHF RFID Reader



VUL-TITANIUM-4PG

Vulcan RFID C610 Outdoor RFID Antenna



VUL-C610-FCC



## About Vulcan RFID Products

Vulcan RFID offers a broad range of innovative RFID readers, antennas, custom RFID tags, and accessories suited for a wide variety of industries and applications. Designed to deliver superior accuracy and reliability, Vulcan RFID products offer exceptional flexibility and performance. Vulcan RFID delivers an extensive product portfolio that includes both UHF and NFC products that support a large variety of market solutions. Manufactured to withstand environments ranging from mild to extreme, Vulcan RFID products enable end-users to reach and sustain high levels of performance in the UHF or NFC frequency bands.



### Vulcan RFID Readers

Vulcan RFID offers high-performance RFID readers that are easy to install, configure, and integrate.

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### Vulcan RFID Antennas

Vulcan RFID offers an extensive collection of UHF RFID antennas designed to maximize the RF performance and coverage area of an RFID system.

[Shop Now](#)


### Vulcan RFID Tags & Inlays

Vulcan RFID offers a broad range of RFID labels, tags and inlays built to withstand environments ranging from mild to extreme.

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### Vulcan RFID Accessories

Vulcan RFID provides a variety of high-quality accessories, RF hardware, and cables.

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