



Looking for a completely automated way to allow access to a specific location? Metalcraft's RFID Windshield Tags offer customers 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. Unlike other windshield tags on the market, the Metalcraft RFID Windshield Tag utilizes passive RFID technology offering a more economic option to the active windshield tags available.

Using the KSW Windshield RFID inlay as a standard, this product provides a read range of approximately 18+ feet. The inlay is encapsulated between thin layers of polypropylene adding human readable printing to one side and a windshield-compatible adhesive to the other. *A destructible option with strategically placed slits in the label and adhesive layers is also available at no additional cost.*

Four-color processing allows you to promote your company with a label that shows off your company name or logo. Metalcraft's digital printing process ensures even the most detailed logo will look crisp and clean.



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Key Product Features

- KSW inlay optimized for attachment to vehicle windshield - no standoff required
- Excellent adhesive for attaching to glass and protecting against harmful UV rays
- Read range of 18+ ft
- Made of flexible polypropylene material
- Choice of up to four standard colors or spot color and four color process
- Digital printing process provides for greater print capability with detailed logos or special designs
- Destructible option available at no additional cost

Not sure what product you need?

Call our trained Experts!

800-437-5283



RFID Windshield Tag Specifications

Construction: KSW Windshield RFID inlay encapsulated between .002” thick white polypropylene. Destructible option also available.

Destructible option shown in image.



Label Copy: The label copy may include block type, stylized type, logos or other designs. All copy, block type, stylized 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 symbology is Code 128.

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. Metalcraft can encode up to 24 characters into the RFID inlay. If desired, Metalcraft can encode information that differs from the bar code and human readable.

Standard Size: 4” x 1”

Standard Adhesive: .0035” thick low surface energy, pressure-sensitive adhesive (MC53FL).

Shipment: 15 work days upon receipt of order and proof approval.

To Order: Call **1-800-437-5283** and ask for customer service.

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 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 degrees F to 175 degrees 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	Rating
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

RFID WINDSHIELD TAG PRICING*

	PRICES PER 100							
	500	1,000	3,000	5,000	10,000	25,000	50,000	100,000
SIZE: 4” x 1” - XRFIDWS421 (KSW Windshield Inlay)								
One-Color Style	224.90	146.40	89.99	74.36	62.61	55.63	53.28	52.10
Two-Color Style	234.65	151.67	92.29	76.05	63.85	56.61	54.17	52.94
Three-Color Style	244.40	156.94	94.59	77.74	65.09	57.59	55.06	53.78
Four-Color Style	254.15	162.21	96.89	79.43	66.33	58.57	55.95	54.62

* Includes front and back printing