

RFID On Site Printable Windshield Tags



The onsite printable windshield tag is specifically designed to allow easy printing and encoding of RFID tags on-demand, providing a reliable, cost-effective solution for your RFID windshield tag needs.

The removable adhesive is perfect for those times you need a “temporary” tag - whether it’s for rental cars, rental equipment or controlling guest vehicle access to corporate facilities, gated communities or downtown parking lots - the onsite printable windshield tag offers an affordable option when you require a temporary tag that needs to be printed on-demand. Interior mount feature adds a layer of security to ensure the tag is not removed.

Features

Specialized inlay reads well through windshield glass.
EZ-Peel adhesive makes tag easily removable while leaving no residue behind.
Designed for easy setup for printing and RFID encoding
Thermal transfer printer receptive
Ideal for use on rental cars, rental equipment and for controlling guest vehicle access to corporate facilities, gated communities or downtown parking lots

Product Print Options

RFID

Product Functionality

Abrasion Resistance . Chemical Resistance . Heat Resistance . UV/Outdoor Durability

Popular Applications

Inventory . Theme parks . Trade show . Zoo

Category

RFID Access Control . On Site Printable . Printable RFID

RFID On Site Printable Windshield Tags

Specifications Data

Material Thermal transfer printable 2.3 mil polypropylene.

Standard Adhesive EZ-Peel Removable adhesive.

Frequency Range UHF = 860-960 MHz; HF = 13.56 MHz

Sizes 4.375" x 2.875"

Packaging Shipped on convenient rolls

Shipment 15-25 business days

Chemical Testing

Samples applied to glass panels and immersed in Metalcraft standard chemicals with observations taken after 2, 24, and 48 hours.

Chemical Test Data

| Length | 5% salt water | Glass cleaner | Bathroom cleaner | Isopropyl alcohol 99% | Diesel fuel | NaOH pH 12.0 | HCl pH 1.0 | Brake fluid |
|----------|---------------|---------------|------------------|-----------------------|---------------|-------------------|-------------------|-------------|
| 2 hours | no effect | Adhesion loss | adhesion loss | adhesive ooze | adhesive ooze | no effect | no effect | no effect |
| 24 hours | no effect | adhesion loss | adhesion loss | adhesive ooze | adhesive ooze | no effect | no effect | no effect |
| 48 hours | no effect | adhesion loss | adhesion loss | adhesive ooze | adhesive ooze | surface corrosion | surface corrosion | no effect |

Temperature Testing

Two tags were applied to glass panels at ambient room temperature conditions and placed in a freezer set to -20°F for 24 hours. Samples retained a good bond to the glass panels and removed easily while still in the freezer just prior to removal after 24 hours. Tag inlays were still readable with the Alien ALH-9000 handheld reader post-exposure. Two tags were applied to glass panels and subject to 150°F, 175°F, and 200°F for 1 hour each. The tags retained a good bond to the panels, and no deterioration of the tags was observed. Tag inlays were still readable with the Alien ALH-9000 handheld reader post-exposure.

Read Range Testing

Theoretical read ranges in the Voyantic anechoic chamber based on testing 5 samples using the Smartrac Dogbone R6 inlay.

Read Range Test Data

| | Glass | Plastic |
|----------------|-------|---------|
| Sample average | 42 ft | 38 ft |