



Features

Stunning graphics! Our subsurface digital printing process ensures crisp details on even the most complex logos for maximum clarity

Durable permanent materials, no paper layers

Thinner profile, not bulky as thicker options commonly used

100% data verification

Two-sided printing available – both constant and variable

High frequency (HF) Tags also available
Compatible with RFID Tracking Software

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

Audio / Visual . Inventory . Restoration .
Theme parks . Trade show . Hospitals .
Schools

Category

Access Control - RFID . RFID Hanging
Tags

Metalcraft's RFID Key Fobs are the ideal identification solution for personnel applications where the tag can be secured to a key chain, etc. Works great in conjunction with our other access control products, i.e., [RFID Windshield Tags](#) or [RFID Credential Tags](#) for a complete access control solution.

These tags perform even better than they look. Made from a variety of durable, permanent materials, the actual construction of the tag protects the tag by sealing it within the layers of durable material. In addition, each tag can be programmed to match the variable information printed on the label.

Specifications Data

Material	Polyester
Serialization	Barcode and human-readable equivalent is digitally printed – providing 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 linear and 2D symbologies available. Although this product is primarily marketed as a bar code product, we can produce it with human-readable numbers only or unserialized.
Label Copy	The label copy may include block type, stylized type, logos or other designs
Colors	Standard colors include black, red, yellow, green, dark blue, purple, orange 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	Hanging tag
Frequency Range	UHF = 860-960 MHz; HF = 13.56 MHz
Sizes	2.75" x 1" with 5/16" ID hole

Chemical Testing

24-hour test of label structure and printed image as well as readability of inlay.

Chemical Test Data

Test Conditions	Result
Water	no effect
Glass cleaner	no effect
Bathroom cleaner	no effect
Alcohol	no effect
Acetone	Delaminated, inlay unreadable
NaOH	no effect
Nitric acid	no effect

Destructive Testing

Destructive Test Data

Temperature Testing

Temperature Test Data

Read Range Testing

Tag has a read range of up to 10 ft using Motorola AR400 portal reader at 24 dbm

Read Range Test Data

Barcode Readability Testing

Barcode Readability Test Data

Abrasion Testing

Abrasion Test Data

Label Adhesion Testing

Label Adhesion Test Data

Pull Testing

Pull Test Data
