

RFID Bale Tag

The RFID Bale Tag is the ideal solution for tagging and tracking any type of bale.

Whether it's for agricultural, cardboard, printing, recycling materials, fabrics or non-wovens, the RFID Bale tag can easily be attached to any type of bale.

The tag's polymer construction protects the text and RFID inlay from the elements providing superior tag stability, durability and performance compared to other paper-based RFID tags.

The 5/16" nickel grommet gives additional strength to the tag to ensure tags cannot tear away due to wind or weakening around the attachment point from moisture or wear.

Available in a wide variety of color's, each tag can be custom printed to meet any design specification and provide high contrast and visibility on any bale.



Key Product Features

- Ideal for bale attachment and tracking
- Removable and reusable – creates more ROI
- Made of durable polymer materials
- Digital printing process provides for greater print capability with detailed logos or special designs
- Provides great RFID read range 25 ft.+
- Metal grommet provides stability for bale attachment to prevent tearing or tag / bale separation

Not sure what product you need?
Call Our Trained Experts!



VULCAN RFID

RFID Bale Tag Specifications

Material: .002" polypropylene, .001 polyester over laminate

Affixing Methods: Metal grommet provides stability for bale attachment to prevent tearing or tag / bale separation

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

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 barcode and human readable.

Frequency Range: 860-960 MHz

RFID Specs: Passive UHF

Standard Size: 6" x 3.5"

Shipment: 15-20 work days depending on order quantity

Product Testing

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.

Chemical Soak Test Results (24 hours): Test of label structure and printed image as well as readability of inlay.

Test Conditions	Result
Water	N.E.
Glass Cleaner	N.E.
Bathroom Cleaner	N.E.
Alcohol	N.E.
Acetone	Delaminated, Inlay Unreadable
NaOH	N.E.
Nitric Acid	N.E.

Read Range Test - In many cases the tags read intermittently for longer distances than those indicated, however, the results reported below were for continuously responding reads.

Anechoic Chamber Results

Sample	METAL	PLASTIC	CARDBOARD	WOOD	Free Air
Average	15 feet	8 feet	8 feet	12 feet	27 feet



VULCAN RFID



atlasRFIDstore.com

1.888.238.1155 • Inside USA

1.205.383.2244 • Outside USA

info@atlasRFIDstore.com • www.atlasRFIDstore.com