Vulcan RFID™ Custom Standard Tags are ideal for asset tracking applications on non-metal surfaces that require attachment directly to the asset. The construction completely encapsulates the inlay sealing it from environmental conditions that could have an adverse effect on the performance and the life of the RFID label.

Features

Ideal for asset tracking using passive RFID technology on non-metal surfaces
Made of flexible polyester material
Digital printing process provides for greater print capability with detailed logos or special designs
Read range 18 to 20ft* mounted to non-metal surface
Meets EPCglobal Gen2 (V 1.2.0) as well as ISO/IEC 18000-6C:2004 / Amd 1:2006 (type C and update of Types A and B).

Product Print Options

Barcode . Data Matrix . QR Code . RFID . Serial Number . Text

Product Functionality

Abrasion Resistance . Chemical Resistance . Heat Resistance

Popular Applications

Inventory . Restoration . Wineries / Breweries . Hospitals

Category

RFID Tags

VULCAN RFID™

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 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	High performance adhesive
Frequency Range	860-960 MHz
Sizes	4.125" x 0.75"; 4.5" x 1"; 2" x 1"
Packaging	Produced and shipped in roll form.
Shipment	14 business days

Chemical Testing

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

Read Range Testing

Tag has a read range of 18-20* ft using Motorola AR400 reader at 24 dbm (1/4 of maximum reader power)