

Magnetic AM/RFID 2D Barcode Tag

This Magnetic AM/RFID 2D hard tag combines trusted EAS protection with the item-level visibility and inventory management only RFID can provide. The tag's RFID component stores item-specific information directly on the tag – delivering near real-time item-level visibility while the AM EAS component delivers asset protection.

This durable tag features a laser-etched 2D barcode that allows retailers to program item-specific information directly onto the tag using a compatible mobile reader. The barcode is especially helpful when a swing ticket is missing from tagged merchandise, allowing store associates to quickly scan and retrieve point-of-sale (POS) data necessary to complete the checkout process.

With this tag retailers can continue using non-RFID barcode readers at POS to process transactions. This hard tag is intended for in-store application.

Retailer Values

- // RFID component offers an efficient way to track inventory, while AM EAS component protects products from theft
- // Item-specific information can be programmed directly on tag with compatible mobile reader, without investing in additional RFID hardware and infrastructure
- // RFID element enables near real-time merchandise visibility and improves inventory accuracy
- // Supports global frequencies and provides reliable RFID performance

Solution Application

Apparel, General Merchandise

Product Codes

9kG - IDTM2220N2D (Numeric)

5kG - IDTM2225N2D (Numeric)

Tack:

MJ200-G

Product Compatibility

Detachers

Magnetic 9kG Detacher

Magnetic 5kG and 9kG Detachers

Magnetic 5kG Detacher

Readers

Multipurpose RFID Reader

Compatible to industry EPC Gen2 Reader

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Materials of Construction

Tag Housing

High-Impact ABS

Label Housing

Low Density Polyethylene/Polyester/
Polyethylene 0.127mm (0.0050in)

RFID Inlay

Aluminum, Mylar, Silicon

Tack

ABS Tack Head/Stainless-Steel Pin

Specifications

Color Light Gray
Length 61.0mm (2.4in)
Width 30.5mm (1.20in)
Depth 19.9mm (0.78in)
Weight with Tack: 8.8g (0.019lbs)
EPC Memory 96 bits
 Up to 128 bits

Operating

RFID Frequencies 860-928MHz
Pullout Force 56.8kg (125lbs)
Lock Magnetic Strength 5kG, 9kG
Order Multiple Tag: 1,000
 Tack: 5,000

Carton Weight

Tags 10kg (22lbs)
Tack 5.82kg (12.80lbs)
 (5,000/box)

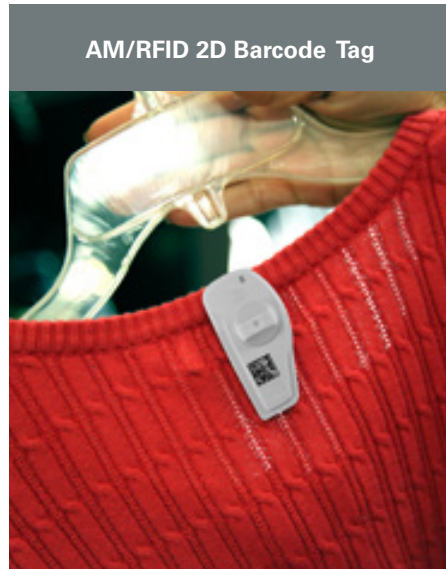
Ext. Carton Dims.

Tag 370 x 370 x 280mm
 (14.57 x 14.57 x 3.15in)
Tack 370 x 370 x 195mm
 (14.57 x 14.57 x 7.68in)

Cartons Per Pallet

Tag Atlanta DC: 32
Tag Echt DC: 48

CE The radio frequency (RF) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



IDTM2225N2D - 5kG



NOTE: IDTM2220N2D - 9kG - In-Store Use Tag marked with **S** on top of tag.