

RFID Smart Labels



- Passive RFID inlays meet Gen2/18000-6C requirements
- Take from stock carton (4.0 x 2.) and pallet (4.0 x 6.0) sizes available in thermal transfer paper
- Variety of inlays, face stocks, adhesives, and tag materials available as custom configurations
- Manufacturing and validation processes result in quality products
- Intermec Media Products is a supplier qualified RFID converter
- Recommended RFID enabled printers include the PM4i, PX4i, PX6i, and the PF2i bag tag printer

Intermec has long been recognized as leader in RFID technology. Intermec's Smart Labels combine the most current UHF inlays with a variety of thermal transfer or direct thermal printable materials to offer a broad selection of products suitable for a wide range of applications.

Intermec's flexible RFID labels provide an architecture that can be deployed in open or closed loop environments. Our RFID manufacturing process enables the integration of inlays available from all of the leading suppliers into our Smart Labels to produce custom tailored configurations to satisfy performance and operability demands.

With expertise in both RFID and label technology, Intermec offers multiple face stock and adhesive options as well as non-pressure sensitive tag materials to meet the rigorous requirements in numerous applications in areas such as:

- Compliance mandates
- DoD
- Retail
- Pallet and tote tracking
- Work in Process
- Access control
- Agriculture
- Inventory management
- Track and Trace
- Consumer good distribution
- Document and record tracking
- Asset tracking
- Postal/Parcel tracking

The Intermec Advantage

The Intermec Smart Label solutions have added advantages when paired with Intermec RFID printers:

- Co-engineered printers and RFID media provide a winning combination of excellent print quality and reliability
- The use of Genuine Intermec Media insures consistent performance through the printer and the end use application resulting in a smart printing solution that can be deployed with confidence in a broad range of customer environments
- Thermal transfer and direct thermal printability and chip encoding allow on demand generation of durable labels eliminating high cost and inventory obsolescence associated with pre-printing and pre-encoding
- When Genuine Intermec Media is used exclusively with Intermec printers, the Free Printhead Replacement program lowers the total cost of ownership.

Product Characteristics (Take From Stock Products)

Facestock

Description: Coated Thermal Transfer Paper
Caliper: 2.7 – 3.3 mils

Adhesive

Description: Permanent Acrylic
Caliper: 0.4 – 0.6 mils

Liner

Description: 40# White Kraft
Caliper: 2.2- 2.8 mils

Inlay

Type: AD223
Manufacturer: Avery Dennison
Frequency: (MHz) 860 – 960
Antenna: Aluminum
Memory: 96-bit EPC Gen2 18000-6C
IC: Impinj Monza 3

Ribbon Compatibility

TMX1500
TMX2200

Environment

Storage Temperature: +40°F to +80°F
Storage Humidity: 35% to 75%
Shelf Life: 12 months
Inlay operating Temperature: -40°F to +185°F
Service Temperature: -65°F to +200°F

North America

Corporate Headquarters

6001 36th Avenue West
Everett, Washington 98203
Phone: (425) 348-2600
Fax: (425) 355-9551

North Latin America

Headquarters Office

Mexico
Phone: +52 55 52-41-48-00
Fax: +52 55 52-11-81-21

South Latin America

Headquarters Office

Brazil
Phone: +55 11 5502.6770
Fax: +55 11 5502.6780

Europe/Middle East & Africa Headquarters Office

Reading, United Kingdom
Phone: +44 118 923 0800
Fax: +44 118 923 0801

Asia Pacific

Headquarters Office

Singapore
Phone: +65 6303 2100
Fax: +65 6303 2199

Internet

www.intermec.com
Worldwide Locations:
www.intermec.com/locations

Sales

Toll Free NA: (800) 934-3163
Toll in NA: (425) 348-2726
Freephone ROW:
00 800 4488 8844
Toll ROW: +44 134 435 0296

OEM Sales

Phone: (425) 348-2762

Media Sales

Phone: (513) 874-5882

Customer Service and Support

Toll Free NA: (800) 755-5505
Toll in NA: (425) 356-1799

Copyright © 2010 Intermec Technologies Corporation. All rights reserved. Intermec is a registered trademark of Intermec Technologies Corporation. All other trademarks are the property of their respective owners. Printed in the U.S.A. 611975-01A 03/10

In a continuing effort to improve our products, Intermec Technologies Corporation reserves the right to change specifications and features without prior notice.

