

# Inventory Accuracy, Visibility and Loss Prevention

Avery Dennison® 9855RFMP™  
Printer/Encoder

Elevating Brands and Accelerating Performance  
Throughout the Global Retail Supply Chain



## Accelerate Performance: Inventory Accuracy, Visibility and Loss Prevention

Improve Inventory Management and Loss Prevention through integrated RFID solutions from manufacturing source to consumer that increase speed, accuracy, visibility, productivity and margins.

### Intelligent RFID Print, Encode and Verify

The Avery Dennison 9855RFMP is an RFID printer/encoder with the intelligence to write to and verify many kinds of inlays optimized for a wide range of applications, including:

- Carton/Pallet
- Hang Tags
- Item Level
- Value-Added Reticketing/Commissioning
- Retail Compliance
- Asset Tracking
- Work-In-Process Tracking

### Decrease Chargebacks

Overstrikes “bad” labels or tags to alert you immediately if the RFID data cannot be encoded, reducing the incidence of applying unscannable RFID labels and tags.

### Decrease Downtime

- Run your printers on a wireless network, with the ability to automatically switch from wireless to the wired Ethernet port, while still retaining the IP address and without losing the session.
- Printhead flips up for easy supply loading and is customer replaceable.
- Large supply rolls result in fewer supply changes.

### Global Service Bureau

In addition to utilizing on-site printing for greater efficiency, also consider Ticket Express®, Avery Dennison's global service bureau. With Ticket Express, you can order variably imprinted tags and labels, including RFID, fabric and paper versions, when and where you need them - anywhere in the world. Using both in-plant printing and Ticket Express gives you the best combination of speed and flexibility.

### Elevating Brands. Accelerating Performance.

Experience Avery Dennison supply chain solutions at our worldwide Customer Design and Innovation Centers. For more information on the Avery Dennison 9855RFMP Printer/Encoder or to schedule a tour of our Customer Design and Innovation Centers, please call 800.543.6650, prompt 5, or e-mail [rhis.solutions@averydennison.com](mailto:rhis.solutions@averydennison.com).

To learn more or receive complete warranty information as well as other terms and conditions, please contact your Avery Dennison representative or visit our website at [www.rbis.averydennison.com](http://www.rbis.averydennison.com).

See reverse side for product specifications



Retail Branding and  
Information Solutions

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## Avery Dennison® 9855RFMP™ Printer/Encoder

### Standard Features

**Dimensions - Plastic Cover:**  
Height: 12.5" (318mm)  
Width: 12.0" (305mm)  
Depth: 13.0" (330mm)

**Optional Metal Cover:**  
Height: 12.5" (318mm)  
Width: 12.0" (305mm)  
Depth: 13.0" (330mm)

**Weight - Plastic Cover:**  
21 lbs (9.5kg)

**Weight - Metal Cover:**  
29 lbs (13.2kg)

**Shipping Weight - Plastic Cover:**  
25 lbs (11.4kg)

**Shipping Weight - Metal Cover:**  
34 lbs (15.5kg)

**Printing Method:**  
Thermal direct or transfer

**Printhead:**  
4.0" (102mm/812 dots)  
203 dots/inch (8 dots/mm) OR  
300 dots/inch (11.8 dots/mm)  
Both printheads provide enhanced print quality.

**Memory:**  
4MB Flash, 16 MB SDRAM  
Optional 16 MB Flash expansion  
8MB RAM configurable using these buffers: Transmit, receive, image, format, downloadable and scalable fonts

**Bar Codes:**  
UPCA +2/+5, UPCE +2/+5,  
EAN8 +2/+5, EAN13 +2/+5,  
EAN128interleaved 2 of 5, Extended  
Code 39, Codabar (NW7), Code 128,  
Code 16K, Code 93, MSI, Postnet,

Intelligent Mail, GS1 Databar, PDF417,  
MaxiCode, Data Matrix (ECC-200), Quick  
Response (QR Code), Aztec

**Standard Fonts:**  
Bitmap - Standard, Reduced, Bold, OCRA-  
like, CG Triumvirate, and CG Triumvirate  
Bold TrueType® - EFF Swiss Bold  
Supports downloaded double-byte  
TrueType and bitmap fonts, allowing for  
Chinese, Japanese, and Korean character  
sets.

**Font Magnification:**  
1x to 7x  
4 to 250 pt. for scalable/ TrueType™ fonts

**Standard PC/Host Interface:**  
• IEEE-1284 Parallel or Centronics mode  
• USB (Universal Serial Bus)  
• RS 232 Serial at 2,400 BPS to  
115,200 BPS  
• Optional Ethernet 802.11b/g  
wireless card

**Printer Warranty:**  
One (1) year parts and labor. Full written  
warranty statement available on request.

**Printhead Warranty:**  
One (1) million inches or six (6) months,  
whichever occurs first.

### Supplies

Only Avery Dennison supplies are  
recommended. Use non-perforated  
supplies in peel mode. High energy  
(TUFFMARK®) supplies are available.

**Supply Types:**  
Labels, tags and receipt paper

**Supply Sizes:**  
Width: 0.75" to 4.25"  
(19mm to 102mm);  
Length: 0.32" to 17.5"  
(8mm to 445mm)

**Supply Roll Size:**  
7,874" (200m) – this varies on material  
thickness

**Supply Thickness:**  
Labels – 5.5 to 10 mils  
Tags – 5.5 to 10 mils  
Receipt Paper – 2.4 mils

**Maximum Print Area:**  
• 4.0" x 16.0" (102 mm x 406 mm) with the  
203 dpi printhead  
• 4.0" x 13.0" (102 mm x 330 mm) with the  
300 dpi printhead  
• Larger images (up to 16 feet) can be  
printed using continuous supply and  
reallocating memory.

**Ribbon Length:**  
23,616" (600 meters)

**About Ribbons:**  
The width of the ribbon must be at least  
0.3" (8 mm) greater than the supply width.  
Using a ribbon wider than your supply helps  
protect the printhead.

### Environmental Ranges

**Operating Temperature:**  
Thermal Transfer - 40° to 95°F (4° to 35°C)  
Thermal Direct - 40° to 104°F  
(4° to 40°C)

**Storage:**  
15° to 120°F (-10° to 49°C)

**Humidity/Operating and Storage:**  
5% to 90% non-condensing

**Electrostatic Discharge and Air Quality:**  
Some problems with electronic equipment  
may occur in environments prone to static  
discharge or extreme dust conditions. Avery  
Dennison suggests that you take precautions  
to minimize these problems.

### Performance

**Power Source:**  
90-264 VAC with  
autoselect 50/60 Hz  
Optional 24 VDC regulator

**Print Speed:**  
• 2.5 ips (64 mm) - default for serial bar  
codes  
• 4 ips (102 mm) - 203 dpi serial bar codes  
with narrow elements of 3 dots  
(or greater)  
• 6.0 ips (152 mm) - default for parallel  
bar codes  
• 8.0 ips (203 mm)  
• 10.0 ips (254 mm)  
• 12.0 ips (305 mm) only with 203 dpi  
printhead

### Option & Accessories

**Options:**  
• 300 dpi printhead  
• 12 ips print speed  
• Metal cover  
• Peel mode with on demand sensor  
• Tear bar with peel mode  
• Linerless  
• Ethernet print server (supports Ethernet  
and TCP/IP)  
• ADK Script programming for special  
applications  
• 16 MB Flash memory expansion  
• Cart ready

**Accessories:**  
• 926™ Knife  
• 928™ Stacker  
• 935™ Rewind  
• 938™ Verifier  
• 939™ Keyboard  
• 939I™ Intelligent Keyboard

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