

Inventory Accuracy and Visibility

Avery Dennison® 9855RFMP™
Printer/Encoder

Elevating Brands and Accelerating Performance
Throughout the Global Retail Supply Chain



Accelerate Performance: Inventory Accuracy and Visibility

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

With the Avery Dennison 9855RFMP printer/encoder, you'll experience the highest yield performance in the industry. This printer/encoder tests, writes and verifies the RFID chip and gives you complete verification of RFID data.

Perfect for use in:

- Retail Compliance
- DoD Compliance
- Item Level, Carton and Pallet Marking
- Asset Tracking
- WIP 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



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 rbs.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.

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Design and Development

Manufacturing

Logistics

Retail

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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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