

Inventory Accuracy, Visibility & Loss Prevention

Avery Dennison® 9906 RFID
Printer/Encoder

Elevating Brands and Accelerating Performance
Throughout the Global Retail Supply Chain



Accelerate Performance - Inventory Management/Loss Prevention

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

Inventory Accuracy Designed for Small Spaces

Create printed and RFID-encoded hangtags and adhesive labels in distribution centers and retail stores with the compact tabletop Avery Dennison 9906 RFID Printer/Encoder.

Compact Design, Big Benefits

Compact, Sleek and Quiet

The compact design of the 9906 RFID printer/encoder ensures it fits into some of the tightest of workspaces in distribution centers and retail stores. Its design and low-noise printing output avoid disruption to the retail customer experience.

Cost-Effective, Low-To-Medium Volume Printing

The right choice for retailers printing less than 10,000 RFID tags or labels per week in batches or on demand.

Faster Turns

Print identical replacement tags that are indistinguishable from the tags applied at the source. The result: accurate item replenishment, minimized out-of-stock situations and higher sales.

Ultra Reliable UHF RFID Encoding

Ensures tags are programmed quickly and correctly.

Low Maintenance

The unique ribbon tensioning system of the 9906 RFID printer/encoder means fewer parts to maintain and replace, reducing costs and avoiding downtime in your inventory control process.

Flexible

Tested and qualified with a full range of inlay types for a wide variety of applications and connectivity options, including RS-232, USB 2.0, Ethernet and wireless 802.11b/g networking. Flexible material handling options include liner peel, liner take up, and ticket and tag cutting.

Ease of Use, Minimal Integration

The 9906 RFID printer does not require highly-skilled operation or in-depth training and is easily integrated into existing supply chain systems and processes.

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 9906 RFID Printer/Encoder or to schedule a tour of our Customer Design and Innovation Centers, please call 800.543.6650, prompt 5, or e-mail ris.dmail@averydennison.com

For more information or complete warranty and other terms and conditions, please contact your Avery Dennison representative or visit our website at www.rbis.averydennison.com.



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Standard Features

Dimensions:

Height – 11" (279 mm)
Width – 10.5" (267 mm)
Depth – 16.1" (409 mm)
Weight – 22.1 lbs. (10 kg)
Shipping wt. – 25 lbs. (11.4 kg)

Printing Method:

Thermal direct and thermal transfer

Printhead:

4.09" (102 mm/812 dots)
203 dots/inch (8 dots/mm)
Optional 300 dpi/12 dots/mm

Processor: 400 MHz processor

Memory:

32 MB Flash, 32 MB SDRAM

Barcodes Types:

UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5, EAN128 Interleaved 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, OCR-A-like, CG Triumvirate, and CG Triumvirate Bold
TrueType® - EFF Swiss Bold

Standard PC/Host Interface:

RS-232C serial (115,200 BPS)
USB 2.0 host
USB 2.0 device

RFID Protocol:

EPC Class 1, Gen 2

RFID Encode Frequency:

860-960 MHz - ultrahigh frequency

Sensing Method: Edge justified, die cut, black mark, aperture

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.

Supply Types:

Labels and tags

Supply Sizes:

- Width: 0.75" to 4.5" (19 mm to 114 mm)
- Length: 0.50" to 50" (13 mm to 1270 mm)
- Width with peel: 1.5" - 4.25" (38 mm to 108 mm)
- Maximum length with indexed supplies: 17.5" (445 mm)
- Supply roll OD: 8" on 3" core
- Typical supply roll length: 150 meters

Supply Thickness:

Non-RFID: 0.0055" to 0.010" (.14 mm to .25 mm)

RFID: 0.0055" to 0.012" (.14 mm to .30 mm)

Maximum Print Area:

4.09" x 50" (102 mm x 1270 mm)

Ribbon Length: 450 meters

Ribbon Sizes:

Ribbon widths	Use with max. supply width
1.5" (38 mm)	1.2" (33 mm)
1.8" (46 mm)	1.5" (38 mm)
2.3" (58 mm)	2.0" (51 mm)
3.3" (84 mm)	3.0" (76 mm)
3.5" (89 mm)	3.2" (81 mm)
4.3" (110 mm)	4.0" (102 mm)
4.5" (114 mm)	4.5" (114 mm)

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 issues 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 issues.

Performance

Power Source:

90-264 VAC with autoselect 50/60 Hz

Power Consumption:

35 watts (nominal)
13 watts (idle)

Print Speed:

2.5 ips (64 mm) - default for serial bar codes
4.0 ips (102 mm)
6.0 ips (152 mm) - default for parallel bar codes

Options

- Peel Mode with liner take-up
- Tear Bar with Peel Mode
- 300 dpi printhead
- ADK Script Programming for special applications
- Internal Ethernet with MonarchNet2™ Device Management
- 802.11 b/g wireless with MonarchNet2™
- Parallel port (IEEE-1284)
- Integrated tag cutter

Accessories

- Model 929 tag catch tray
- 935 rewind
- 939i keypad
- USB QWERTY keyboard
- USB HID bar code scanner

In our ongoing effort to deliver the best technology, specifications are subject to change without notice.

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The information contained herein is believed to be reliable but Avery Dennison makes no representations concerning the accuracy or correctness of the data. This product, like any other should be tested by the customer/user thoroughly under end user conditions to ensure the product meets the particular requirements. Independent results may vary.

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