

## Avery Dennison Printing Solutions 64 Series



### 64-Bit Printer for High Speed Processing

The 64-Bit family of AVERY DENNISON™ printers accommodates the broadest range of printing requirements without compromising print quality, print speed, or total throughput. It provides new levels of economy and productivity where on-demand printing of information-laden tags and labels involves frequently changing content.

These printers are especially well-suited for tasks involving high-density bar codes, numerous short runs, or situations where unique data changes from label to label requiring frequent reformatting. Such applications range from compliance labeling to descriptive product marking in retail, industrial, and distribution environments.



# High Speed Processing and Throughput at 300 dpi

## Print tags and labels with unparalleled productivity!

AVERY DENNISON™ 64 Series Printers use 64-bit processor technology to combine the industry's fastest label-format processing speed with print speeds up to 12"/second, even at 300 dpi. This provides the highest quality and throughput for processing intensive applications ranging from product identification to carton labeling.

## Meet a wide range of print requirements economically.

This family of printers handles a variety of widths, allowing you to run tag and pressure-sensitive label stocks up to 10" wide, up to 39" long, and up to 12-mils thick.

## Maintain print quality at high speeds.

300 dpi, near-edge print head technology provides precise control over high-resolution text, bar codes, and graphics, allowing you to run economical stocks at higher throughput speeds without compromising print quality.

## Smart design cuts waste.

Standard 600-meter ribbons minimize ribbon-changing downtime, and an automatic ribbon saver feature reduces supply costs for tickets with large unprinted gaps. Stock changeovers are quick and easy, thanks to open access and short, straight feed paths.

## Reliable, convenient performance.

Steel frame construction, a steel casing, and sturdy mechanism, add up to years of solid performance under demanding conditions. A 2-line by 16-character control panel display makes it easy to set and monitor print operations.

## Convenient data management.

Windows-based AVERY DENNISON™ Software improves printing control and productivity, while EASY-PLUG emulation provides integration to your DP system.

## Accessories for added productivity.

Optional accessories such as high-speed cutters/stackers and large-roll unwind/rewind units are available to help maximize throughput in your applications.



# 64 Series Specifications



## System Characteristics

|                   |  |
|-------------------|--|
| Print method:     | Direct thermal and thermal transfer  |
| Print head type:  | Near-edge technology with integrated temperature control, and adjustable print head pressure; Print head is user replaceable, self-aligning, no tools required |
| Print resolution: | 305 dpi (12 dot/mm)  |
| Ribbon length:    | 600 meters, built-in automatic ribbon saver  |
| Ticket length:    | Maximum to 39.35" (1000 mm)  |
| Ticket roll size: | I.D. – 3", 4" (76 mm, 102 mm)<br>O.D. – (maximum) 8.27" (210 mm)   |
| Web sensing:      | Adjustable transmissive sensor, optional reflective sensor   |
| Operator panel:   | Four-key control panel with 2-line by 16-character alpha-numeric display   |

## Character Fonts/Graphics/Bar Codes

|                    |  |
|--------------------|--|
| Resident fonts:    | 15 fonts, including two scalable fonts   |
| Graphics format:   | Avery Dennison 4 Bit Graphic (.EPT) format; and industry standard .BMP, .PCX, .TIF, .GIF, and .EPS formats is available  |
| Bar code types:    | EAN 8, EAN 13, UPC-A, UPC-E, Code 93, Interleaved 2/5, Code 2/5, Code 39, Codabar, UPC BookLand (2-digit extension), UPC BookLand (5-digit extension), ITF, Code 128, MSI, EAN 128, PostCode, Code 128 (UPS), 2-dimensional (PDF417, Data Matrix, MaxiCode, Codablock F) |
| Print orientation: | 0°, 90°, 180°, and 270° for character fonts and bar codes<br>0° - 360° in 1° increments for scalable fonts   |

## Communications

|               |                          |
|---------------|--------------------------|
| Interface:    | Serial RS-232/485/422    |
| Transmission: | 300 baud to 115,000 baud |

## Physical

|                |                                     |
|----------------|-------------------------------------|
| Input voltage: | 110/220/240/VAC (+/- 10%), 50/60 Hz |
|----------------|-------------------------------------|

## Accessories

- Cutter
- Rewind/unwind units
- Manual singles in-feed
- High-speed cutter/stacker
- Dispense
- Compact flash cards

| Model                      | 6404  | 6405  | 6406  | 6408  |
|----------------------------|---|---|---|---|
| Print Speeds:              | 4" - 12"/sec<br>(100 - 300 mm/sec)            | 4" - 12"/sec<br>(100 - 300 mm/sec)            | 4" - 12"/sec<br>(100 - 300 mm/sec)            | 4" - 12"/sec<br>(100 - 300 mm/sec)            |
| Print Widths:              | 4.2" (106 mm)                                 | 5.0" (128 mm)                                 | 6.3" (160 mm)                                 | 8.4" (213 mm)                                 |
| Ticket Widths:             | 1.0" - 4.4" (25-113 mm)                       | 1.0" - 6.1" (25-154 mm)                       | 1.2" - 7.3" (30-185 mm)                       | 3.9" - 10.0" (100-254 mm)                     |
| Ticket Thicknesses:        | 4 - 12 mils<br>(0.1 - 0.3 mm)                 | 4 - 12 mils<br>(0.1 - 0.3 mm)                 | 4 - 12 mils<br>(0.1 - 0.3 mm)                 | 4 - 8 mils<br>(0.1 - 0.2 mm)                  |
| Dimensions:<br>(H x W x D) | 12.0" x 11.8" x 21.3"<br>(305 x 300 x 540 mm) | 12.0" x 13.8" x 21.3"<br>(305 x 350 x 540 mm) | 12.0" x 15.0" x 21.3"<br>(305 x 380 x 540 mm) | 12.0" x 18.9" x 21.3"<br>(305 x 480 x 540 mm) |
| Weight:                    | 41 lbs (19 kg)                                | 44 lbs (20 kg)                                | 47 lbs (22 kg)                                | 57 lbs (26 kg)                                |

## Avery Dennison Printing Solutions 64 Series



North America  
2305 Soabar Drive  
Greensboro, NC 27406  
telephone 336.856.8235  
facsimile 336.547.0031

Mexico  
Avenida Aristoteles #123  
Parque Industrial Kalos  
Apodaca, Mexico 66600  
telephone 52.8.386.4086  
facsimile 52.8.386.4082

Central America  
18 Avenida 40-23 Zona 12,  
Segundo Nivel  
Ciudad de Guatemala, Guatemala  
telephone 502.442.4130  
facsimile 502.442.4131

South America  
Rua Francisco Foga, 225  
CP18-13280-000  
Vinhedo, SP, Brasil  
telephone 55.19.3876.7620  
facsimile 55.19.3876.7668

Asia  
No. 7 Chun Ying Street  
Tseung Kwan O Industrial Estate  
New Territories, Hong Kong  
telephone 852.2372.3000  
facsimile 852.2564.0289

Europe  
Wooburn Industrial Park  
Thomas Road  
Wooburn Green  
Bucks HP10 OPE, UK  
telephone 44.1628.859500  
facsimile 44.1628.859527

[www.ris.averydennison.com](http://www.ris.averydennison.com)  
email: [ris.mkt@averydennison.com](mailto:ris.mkt@averydennison.com)

Your World. Our World.  
Putting You In Control Of Your World.



**AVERY  
DENNISON™**

**Retail Information  
Services**