



Model 5.4 Thermal Transfer Printer

The Model 5.4 is a paper tag and pressure sensitive thermal transfer printer that is easy to use, versatile, and economical. You can use it to produce paper hang tags, paper price tickets, and pressure sensitive price, size, and shipping labels. The simple features and economical operation of the Model 5.4 make it an excellent choice for printing standard 4" x 6" shipping labels.

Features

- **Print Capability**
 - One-color, 1/0
 - Print width: 4" (105mm)
- **Fast** - Prints up to 8" (200mm) per second (application dependent)
- **High Resolution** - 203 dots/inch (8 dots/mm) or 300 dots/inch (11.8 dots/mm)
- **User Friendly** - Easy to thread and clean. No tools required to change printhead. Printhead pressure easily adjusted by turning a screw.
- **Display** - User-friendly display shows status messages and menus
- **Durable** - Heavy-duty industrial quality
- **Sensor** - Transmissive sensor for side slot or through liner
- **Connectivity** - RS-232 (up to 115k baud), USB (v1.1), Centronics (connector type C), Ethernet (10/100 Base T) standard.
- **Peripheral Jack** - D-Sub 15 jack at front of printer standard. Drives several options listed below.

Options

- **Sensors** - Reflective (reflex) sensor
- **Internal Rewind** - Rewinds label backing paper
- **Cutter** - Bolt-on option cuts tags and stickers
- **External Rewinder** - Use when not cutting or cutting will be delayed
- **Standalone Mode** - PS/2 keyboard, Compact Flash card
- **Foot switch** - Use for foot-operated label dispensing
- **Dispenser** - Bolt-on option peels and presents sticker to the operator
- Note - the 5.4 does not support a barcode verifier.

Supplies

Use only Avery Dennison supplies for the best print quality and longest printer life. These supplies have been specially designed for this printer.

- Paper hang tags and price tickets
- Pressure sensitive price and size stickers
- Pressure sensitive 4" x 6" standard shipping labels
- Thermal transfer flat head ink ribbons



Model 5.4 Printer

- Prints on one side
- Prints paper tags and pressure sensitive stickers

Alternate Financing

- Payment plans apply printer price to supply purchases
- Rental agreements available

Technical Service

- Extend printer life and productivity by adding a maintenance agreement
- Installation, training available
- Telephone, depot or on-site options

Software

- PCMate Platinum tag and label design software available so you can design and print.
- Other software packages available for design and printing
- On-line data management products also available

PC Hardware Minimum Requirements

- IBM compatible personal computer
- Windows® 2000, XP
- 128 MB RAM
- 1 GB available disk space, CD ROM
- Pentium® III processor (400 MHz)
- Monitor screen resolution 1024x768

Detailed Features

Stock Threading

- Short and clear threading path. *Ease of stock loading*

Thermal Ink Arbors

- Uses flat-head ink ribbons. *More economical, more flexible*
- Thermal direct mode available. Run printer with no ribbon. *Enhanced flexibility*

Print Stations

- Adjust print pressure using adjustment screw. *Simple operation*
- Print pressure adjustment accommodates a wide range of label materials and thicknesses. *Enhanced flexibility*
- Easy print head changing. No tools or special accessories are required to change the print head. *Fast, easy maintenance*

Registration Sensor

- Transmissive sensor standard
 - Adjustable: 0" (0mm) to 2.36" (60mm) across the width
 - Hole size: Width: 0.15" (4mm) minimum
Length: 0.03" (0.8mm)- 0.55" (14mm)
- Reflective sensor optional. *Offers additional flexibility*
 - Adjustable: 0" (0mm) to 2.6" (66mm) across the width
 - Sensemark: Width: 0.5" (12mm) recommended
Length: 0.15" (4mm) recommended

Control Panel and Display

- 4-key control panel
- LCD display with 2 lines of 16 characters (122 x 32 pixels)
- Multilingual. *Greater versatility*

Printer Control Language

- Avery Dennison™ Easy Plug language is standard.
- Other printer internal languages are available. No need to change label layouts designed for other printers. Contact Avery Dennison for more information. *Greater versatility*

Small Footprint

- 10.7" (272mm) x 10.2" (260mm) x 18.2" (462mm)

Off Line Model

- Optional feature
- Includes keyboard and compact flash card to store label designs, add data and print without a PC.

Specifications

Mounting - bench top

Label Size

- Width maximum - 4" (102mm)
- Length, minimum - 0.19" (5mm)
- Length, maximum - 39.4" (1000mm)
- Length, dispensing, max - 7.8" (200mm)

Stock Roll

- Core: 1.5" (38mm), 3" (76mm), 4" (102mm)
- Max OD: 8.2" (210mm), dispense 7.5" (190mm)
- Width: 0.6" (15mm) - 4.7" (120mm),
w/ dispenser: 1.2" (30mm) - 4.7" (120mm)
w/ disp+foot: 0.6" (15mm) - 4.33" (110mm)

Ink Roll

- Core: 1" (25mm) cardboard
- Coated side in (supports coated side out)
- Max OD: 3.2" (80mm)

Label Thickness

- 4 mills (0.1mm) to 10 mills (0.24mm)

Print Speeds

- Minimum: 2.0" (51mm) per second
- Maximum 8.0" (203mm) per second (203dpi)
- Maximum 6.0" (152mm) per second (300dpi)

Barcodes

- EAN 8 and EAN 13 with Add-On 2 and 5, UPC-A, UPC-E, Code 39, Code 39, Ratio 3:1 and Ratio 2.5:1, Code ITF, Codabar, Code 128, Code 2/5, Code 2/5 1, Code 2/5 5, Code 2/5 Interleaved Ratio 1:3, Code 2/5 Matrix Ratio 1:2.5; Code 2/5 Matrix Ratio 1:3; Code MSI, Code EAN 128; Postcode (sort and ID code), UPS Code 128
- 2D: Datamatrix, Maxicode, PDF417, Codablock F, Code 49
- RSS) and Composite Component (CC): RSS-14, truncated, stacked, omni-directional, limited, expanded, UPC-A + CC-A/B, UPC-E+CCA/B, EAN 13+CC-A/B, EAN 8+CC-A/B, UCC/EAN 128+CCA/B/C

Fonts

- 17 including OCR-A, OCR-B, 3 scalable, True Type supported
- 8x scaling, rotations 0°, 90°, 180°, and 270°

Graphic Formats

- BMP, PCX, JPEG, TIFF, GIF

Electrical

- 100-240 VAC, 50-60Hz

Weight - 31 lb. (14 kg)

Temperature - 40°F (4°C) to 100°F (38°C)

Humidity - 30% to 85% non-condensing

All information given is based on the results of testing performed by Avery Dennison. Customers should test any product thoroughly through all relevant processes. Specifications subject to change without notice.

Machine Sheet - Model 5.4 (August 12, 2008)

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