AP 5.4

Versatile & Efficient

- Intelligent, robust, industrial grade design
- 200dpi & 300dpi printhead compatible
- Standard Ethernet & USB connectors
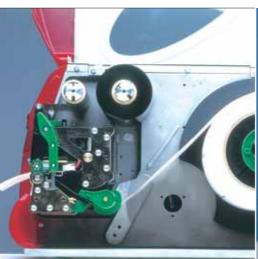
The universal thermal direct and thermal transfer printer

AVERY DENNISON
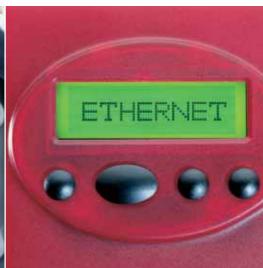
Link information to your product

Quick and easy operation: problem-free access to material feed and print module

Versatile and precise: top quality is achieved with ideal print settings for your application and individual post-processing possibilities

Compatible: simple to integrate into your processes and the internal networks thanks to the extensive accessories and a standard Ethernet connection

AP 5.4
Universal benefits

User-friendly

Simple operation and straightforward operating controls make it easy to work with the AP 5.4. Labels and foils can be changed very easily, since the material feed opens at the side. It is also very easy to replace print heads and print drums. No tools or special accessories are required to change the print head.
The print pressure of the print head can be varied very easily using the adjustment screw. In addition, the graphical display shows status messages and menu guidance in a user-friendly manner.

Versatile and functional

Depending on your requirements, the AP 5.4 can print fonts, standardized symbols and barcodes on a range of different materials. The intelligent and robust design and well thought-out features are an additional bonus: For example, the print module for the material feed and for maintaining the print head as well as the moveable label sensor

Adaptable with modular extensions

The AP 5.4 is equipped with an Ethernet connection which makes it easy to deploy it as part of your system. Alternatively, it can be used offline in your work processes. A wide range of accessories, for example, reflex light barrier, cutters, rewinders and dispensers*, ensure that your processes are optimized and also allow you to post-process the labels.

AP 4.4 - the smart alternative

Of course, if all you require are the print applications, the AP 5.4 is available as a basic version – the **AP 4.4**. The user-friendliness and robust construction make the **AP 4.4** a reliable partner. And the range of materials it is able to print is wide enough to ensure that the **AP 4.4** lives up to all of your expectations. Detailed specifications can be found overleaf.

*Available as of 06/2003

AP **5.4** The multi-talent your product needs

The AP 5.4 really can do everything! It prints type plates, self-adhesive labels, paper, card and plastic such as PE, PP, PVC and PA at high speed. The results are impressive: an excellent printed image that is resistant to environmental influences, chemicals and abrasion.

It prints barcodes, VDE and other symbols, fonts and serial numbers just as you want them on all types of materials.

The AP 5.4 by Avery Dennison is your ideal partner for the most diverse of applications.

Versatile, powerful, reasonably priced

Your labels for all sorts of applications are produced quickly and simply.

Perfect coordination of foils, labels and print pressure allows the AP 5.4 to produce a resilient print result – abrasion-resistant, weather-resistant and chemical-resistant.

✔ This makes it expert at printing type plates, on electrical devices of all kinds, for instance. Your product will be labeled for life and traceability on the basis of serial numbers is guaranteed.

✔ These demands are also placed on labels on supplied parts in the automotive industry.

Tracking individual parts such as wiring looms and interior door panels can be ensured with reliable labeling.

The multi-faceted AP 5.4 offers many extras:
• Flat print head
• High computer-processing compatibility Ethernet as standard
• Graphical display for user-friendly status messages (122 x 32 pixels)
• A wide variety of standard fonts, barcodes and graphics
• Real-time clock

Your AP 5.4 / AP 4.4 at a glance

	AP 5.4	AP 4.4
Print technology:	Thermal direct and thermal transfer printer	
Print resolution:	203 / 300 dpi	203 dpi
Print speed:	50 - 200 mm/s (203 dpi) 50 - 150 mm/s (300 dpi)	
Print length:	5 - 1.000 mm	
Print width:	Up to 105 mm	
Memory:	16 MB RAM / 2 MB Flash ROM	8 MB RAM / 2 MB Flash ROM
Emulation:	EasyPlug, ZPL* (* from 03/2003)	
Interfaces:	Parallel Centronics, serial RS-232 C, Ethernet, USB Slave V 1.1*, PS/2 AP 5.4 peripheral version: additional connector for periphery	Parallel Centronics, serial RS-232 C, USB Slave V 1.1
Fonts:	17 fonts including OCR-A and OCR-B, 2 scalable fonts, True Type fonts supported, scaling in X/Y direction up to factor 8, rotation 90°, 180°, 270°	
Barcodes:	1-dimensional: 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, UPS 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 (Guide and Identity Code), UPS Code 128; all barcodes scalable in 16 widths and the height; 2-dimensional: Data Matrix Code, Maxi Code, PDF 417, Codablock F	
Graphic formats:	BMP, PCX, JPG, TIF, GIF	
Software:	Windows drivers (95 / 98 / 2000 / NT / XP)	
Material specification:	Label rolls, material suitable for thermal and thermal transfer printing, plastic foil, PE, PP, PVC, PA material width up to 120 mm, material thickness 60 - 240 g/m² material roll outer diameter up to 210 mm, inner core diameter 1,5", 3", 4"	
Foil specification:	Foil width 25 - 114 mm, foil outer diameter max. 80 mm, length according to foil type up to 500 m inner core diameter 25 mm, color side inside (outside possible)	
Control panel:	4-key control panel and LCD graphics display with 2 lines of 16 characters, multilingual (122 x 32 pixels)	
Weight:	14 kg	
Dimensions (H x W x L)	272 x 260 x 462 mm	
Power supply:	100 - 240 V, 50 / 60 Hz	
Standards:	CE, GS	
Environmental requirements:	Operating temperature 5 - 40 °C, humidity 30 - 85% non-condensing	
Accessories (standard):	Real-time clock	Not upgradable
Accessories (optional):	Offline version with keyboard, foot switch, reflex sensor, I/O board with RS-232/422/485, upon request RFID kit and internal scanner AP 5.4 peripheral version: additionally cutter, external and internal rewinder*, dispenser kit*	Foot switch

* Available as of 06/2003

The name Avery Dennison is associated worldwide with perfect labelling. In addition to print & apply systems and thermal transfer printers, we also offer:

Service   Software   Consumer materials

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Denmark / Scandinavia	Italy	USA
France	Korea	People's Republic of China / Hong Kong
Germany	Netherlands / Benelux	
Great Britain	Thailand	

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