

# AP 5.4

The versatile talent

051790



The universal thermal direct  
and thermal transfer printer

Identity sticks



**AVERY  
DENNISON**

# AP 5.4 The multi-talent your product needs

051790

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.

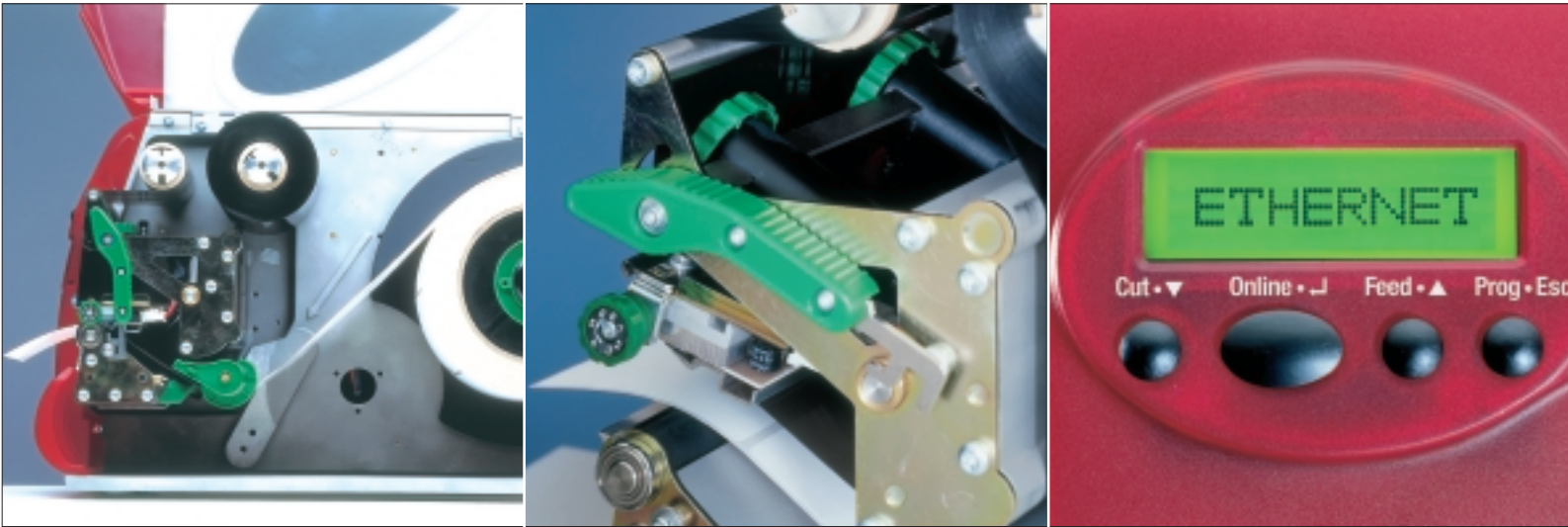
### The multi-faceted AP 5.4 offers many extras:

- 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

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

# 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, UPCA, UPCE, 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

Windows® is a trademark of the respective company.

\* 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



Consumables



You're never far from  
an Avery Dennison  
representative:

Benelux  
Denmark / Scandinavia  
France

Germany  
Italy  
Turkey

USA  
People's Republic of China / Hong Kong

Dealer



Identity sticks