Pebble® 4

The color printer for plastic card personalization

Color & Monochrome
Thermal Transfer
300 dpi
Single-sided
24 s/card
10 - 40 mil (0.25 - 1 mm)
3 years

evolis
www.evolis.com
Pebble is designed to cater to all your requirements, be they small runs or bulk personalization of plastic cards. Pebble, today, is the ideal solution for any type of application that requires single-sided printing of badges: employee badges, student IDs, access control badges, transport passes, loyalty cards, payment cards and many more.

Thanks to the most advanced printing engine in the market, Pebble delivers high-definition badges within seconds. This solution benefits from the latest encoding technologies: ISO or JIS magnetic tracks, and smart card with contact or contactless (RFID). These encoding options can be seamlessly combined to personalize multifaceted cards in a single pass.

Pebble comes with a very convenient 100-card feeder. Yet, it can also turn into an elegant over-the-counter display, thanks to the manual feeding option that lets you print your badges, card by card, for instant delivery to the holder.

Pebble comes in a splash of three different translucent colors that can be interchanged: switch from Fire Red to Jungle Green to Ocean Blue, and make sure Pebble is always in line with your environment or taste.

The Pebble range of printers proudly carries the stamp of Evolis’ strong commitment to reliability, and therefore, benefits from unmatched quality along with a pioneering 3-year warranty.

GENERAL SPECIFICATIONS
- Color printing module
- 300 dpi print head (11.8 dots/mm)
- USB connection
- Option for Ethernet TCP-IP connection
- 14 MB RAM
- Detachable feeder with a capacity of 100 cards (30 mil - 0.76 mm)
- Output hopper with a capacity of 50 cards (30 mil - 0.76 mm)
- 1-Button and 4-LED control panel
- Printer colors: Ocean blue, Fire red or Jungle green

PRINT MODES
- Color dye sublimation and monochrome thermal transfer
- Enhanced color management system
- Edge-to-edge printing
- Integrated ribbon saver for monochrome printing

PRINTING SPEED
Personalization throughput will depend on card design and printer settings.
- Color (YMCKO): 150 cards/hour
- Monochrome: up to 1000 cards/hour

SUPPORTED PLATFORMS
- Windows XP, Server 2003 and Vista 32 & 64 bits
- Mac OS X v10.2, 10.3 and 10.4
- Linux

SUPPLIED SOFTWARE
- eMedia Card Designer Software for designing and editing badges
- Compatible with Windows™ XP, Server 2003 and Vista 32 & 64 bits
- Connection to Microsoft™ Excel databases

RIBBON TYPES
- 2-panel KO black monochrome ribbon - 500 cards/roll
- 5-panel YMCKO color ribbon - 200 cards/roll
- Half-panel YMCKO color ribbon - 400 cards/roll
- Monochrome ribbons - up to 1000 cards/roll (black, red, green, blue, white, gold and silver)
- Special ribbons:
  - Varnish hologram - 350 cards/roll
  - Scratch-Off - up to 1000 cards/roll
- BlackWAX monochrome ribbon (for ABS & special varnished plastic cards) - up to 1000 cards/roll

OPTIONS
- Encoding options (can be combined):
  - Magnetic stripe encoder ISO 7811 HiCo/LoCo or JIS2
  - Smart contact station - ISO 7816-2
  - Smart contact station and encoding unit - PC/SC, EMV 2000-1
  - Contactless encoding unit - ISO 14443A, B, ISO 15693, Mifare, DesFire, HID iCLASS
  - Other types upon request
- 100-card additional feeder:
  - Ocean blue, Fire red or Jungle green
- Manual card feeder: Ocean blue, Fire red or Jungle green
- Travel case and bag
- Cleaning kits

WARRANTY
Use Evolis Genuine products for best performance and extended lifespan of your printer.
- Printer, print head: 3-year warranty, unlimited number of passes

Card types
- All PVC, Composite PVC cards, PET, ABS and special varnished cards
- ISO CR-80 - ISO 7810 (3.375" x 2.125" - 85.60 mm x 53.98 mm)
- ISO CR-79 (3.033" x 2.051" - 77.60 mm x 52.10 mm)
- From 10 mil (0.25 mm) to 40 mil (1 mm)
- 100 cards (30 mil - 0.76 mm), 300 cards (10 mil - 0.25 mm)
- 50 cards (30 mil - 0.76 mm), 150 cards (10 mil - 0.25 mm)
- Height: 7.55” (192 mm) - Length: 15.59” (396 mm) - Width: 9.25” (235 mm)
- 13 Lbs (5.9 Kg)
- USB (cable supplied) - Option for Ethernet TCP-IP
- Power supply: 100-240 V AC, 50-60 Hz, 1.8 A - Printer: 24 V DC, 3 A
- Min/max operating temperature: 59° / 86° F (15° / 30° C)
- Humidity: 20% to 65% non-condensing
- Min/max storage temperature: 23° / 158° F (-5° / +70° C)
- Storage humidity: 20% to 70% non-condensing
- Operating ventilation: free air

1. Under specific conditions.
2. Subject to observance of specific conditions and use of Evolis genuine consumables.
Pebble\textsuperscript{4} is designed to cater to all your requirements, be they small runs or bulk personalization of plastic cards.

It is the ideal solution for any type of application that requires single-sided printing of badges.

Thanks to the most advanced printing engine in the market, Pebble\textsuperscript{4} delivers high-definition badges within seconds. This solution benefits from the latest encoding technologies: ISO or JIS2 magnetic tracks, and smart card with contact or contactless (RFID). These encoding options can be seamlessly combined to personalize multifeatured cards in a single pass.

Pebble\textsuperscript{4} comes with a very convenient 100-card feeder. Yet, it can also turn into an elegant over-the-counter display, thanks to the manual feeding option that lets you print your badges, card by card, for instant delivery to the holder.

Pebble\textsuperscript{4} comes in a splash of three different translucent colors that can be interchanged: switch from Fire Red to Jungle Green to Ocean Blue, and make sure Pebble\textsuperscript{4} is always in line with your environment or taste.

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\begin{itemize}
  \item Identification
  \item Leisure
  \item Loyalty
  \item Education
  \item Transit
  \item ePayment
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This datasheet provides details regarding the above-mentioned item integrated into an Evolis printer. Please note that specifications and details are subject to change without notice and should therefore be confirmed by Evolis prior to any purchase.
### Main Characteristics

- Single-sided color printing module
- 300 dpi print head (11.8 dots/mm)
- USB port
- 16 MB RAM allowing two card storages (front & back)
- Detachable feeder with a capacity of 100 cards (0.76 mm - 30 mil)
- Output hopper with a capacity of 100 cards (0.76 mm - 30 mil)
- 1-Button and 4-LED control panel

### Options & Accessories

- Pebble4-CR79 for CR79 & CR80 cards (printing only, no encoding)
- USB & Ethernet TCP-IP ports, internal USB Hub
- Detachable feeder with a capacity of 100 cards (0.76 mm - 30 mil)
- Manual card feeder for front-desk operation
- Pebble Travel Bag
- Pebble Travel Case

### Encoding options

- Magnetic stripe encoder ISO 7811 HiCo/LoCo or JIS2
- Smart contact station - ISO 7816-2
- Smart contact station and encoding unit - PC/SC, EMV 2000-1
- Contactless encoding unit - ISO 14443A, B, ISO 15693, Mifare®, DesFire®, HID CLASS®, HID PROX®
- Other types upon request

### Print mode

- Color dye sublimation and monochrome thermal transfer
- Enhanced color management system for top quality pictures
- Edge-to-edge printing
- Integrated ribbon saver for monochrome printing
- Integrated ½ Panel YMCKO picture management

### Performance

- Color 1 side (YMCKO): 150 cards/hour
- Monochrome 1 side: up to 1000 cards/hour

### Ribbons

- 2-panel KO black monochrome ribbon - 500 cards/roll
- 5-panel YMCKO color ribbon - 200 cards/roll
- Half-panel YMCKO color ribbon - 400 cards/roll
- Monochrome ribbons - up to 1000 cards/roll (black, red, green, blue, white, gold and silver)
- Varnish hologram - 350 cards/roll
- Scratch-Off - up to 1000 cards/roll

### Supported platforms

- Windows™ XP, 2003 and Vista, 32 & 64 bits
- Mac™ OS X v10.2, 10.3 and 10.4 (free download)
- Linux (free download)

### Software supplied

- eMedia Card Designer Software Standard Edition for designing and editing badges
- Connection to Microsoft™ Excel databases
- Data Import & Export feature
- Magnetic encoding
- Unlimited version

### Cards characteristics

- **Types**: All PVC, Composite PVC cards, PET, ABS1 and varnished1 cards
- **Format**: ISO CR-80 - ISO 7810 (53.98 mm x 85.60 mm - 3.375" x 2.125")
  - ISO CR-79 (52.10 mm x 83.90 mm - 3.303" x 2.051") as an option
- **Thickness**: From 0.25 mm (10 mil) to 1 mm (40 mil)

### Warranty

- Printer, print head: 3-year warranty, unlimited number of passes, subject to observance of specific conditions and use of Evolis genuine consumables
- Use Evolis Genuine products for best performance and extended lifespan of your printer

### Weight & Size

- **Printer size**: Height: 192 mm (7.55") - Length: 396 mm (15.59") - Width: 235 mm (9.25")
- **Printer weight**: 5.9 Kg (13 Lbs)

### Electrical & Environmental

- **Power supply**: 110-230 Volts AC, 1.8 A, 60-50 Hertz - Printer: 24 Volts DC, 3 A
- **Min/max operating temperature**: 15°C / 30°C (59°F / 86°F)
- **Humidity**: 20% to 65% non-condensing
- **Min/max storage temperature**: -5°C / +70°C (23°F / 158°F)
- **Storage humidity**: 20% to 70% non-condensing
- **Operating ventilation**: free air

### Miscellaneous

- RoHS compliant

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