HP Latex 570 Printer

Cost-effective production, easily integrated into your fleet

Sustain high productivity on speed, easy operation

- Load rolls in one minute or less with the spindleless pivot table and automatic skew adjustment
- Respond fast with quality—up to 23 m²/hr (248 ft²/hr) indoor quality mode
- Run unattended—print 100-m (328-ft) length SAV rolls with heavy roll support up to 55 kgs (121 lbs)
- Balance production and distribute jobs across your HP Latex fleet with color emulation capabilities1

Get vivid color and consistent quality over time

- Produce highly saturated prints with up to 50% more ink density,2 using vivid print modes
- Print colors right the first time with the i1 embedded spectrophotometer and HP Custom Substrate Profiling
- Consistent, day-one image quality over time—native 1200 dpi, user changes printheads, auto nozzle replacement
- Handle robust tiling applications with consistent colors to <= 2 dE20003 and +/- 1 mm/m length accuracy

Manage your fleet easily and cost effectively

- Reduce expense with cost-effective 3-liter HP Latex ink cartridges that can be changed while the printer runs
- Integrate this printer into your larger fleet management system with the HP printer internal development kit
- Control your fleet from afar—status beacon signals issues, HP Latex Mobile app provides remote monitoring5
- Plan production in advance, optimize supplies usage, and save time—utilities predict how much ink is needed

For more information, please visit
hp.com/go/Latex570

Join the community, find tools, and talk to experts.
Visit the HP Latex Knowledge Center at
hp.com/communities/HPLatex

Water-based HP Latex Technology is unique, delivering a combination of true application versatility, high image quality and high productivity, and a sustainable approach that’s better for your operators, your business, and the environment.1

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1 Based on a comparison of HP Latex ink technology to competitors with leading market share as of December, 2013 and analysis of published MSDS/SDSs and/or internal evaluation. Performance of specific attributes may vary by competitor and ink technology/formulation.

2 In some cases, profile emulation may impact print speed.

3 Compared to the HP latex 360 Printer when using the same print mode.

4 ICC profiling with the spectrophotometer does not support uncoated textiles and backlits.

5 The color variation inside a printed job has been measured at 10-pass mode on vinyl media with this limit: maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE 014-16 E2012. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

6 HP Latex Mobile is compatible with Android™ 4.1.2 or later and iOS 7 or later, and requires the printer and the smart phone to be connected to the Internet.
**HP Latex 570 Printer**  
*(1.63 m / 64 in)*

**End-to-end sustainability—a better approach**

HP Latex Technology delivers all the certifications that matter to your operators, your business, and the environment.²

![UL ECOLOGO Certificate](image)

**UL ECOLOGO**

Using water-based inks eliminates exposure to inks with hazard warning labels and high solvent concentrations, and simplifies ventilation, storage, and transportation requirements.

HP Latex Inks enable more differentiation—odorless prints go where solvent can’t.

![UL GREENGUARD GOLD Certificate](image)

**UL GREENGUARD GOLD**³

HP is designing end-to-end sustainability into large-format printing. The HP Latex 570 Printer is EPEAT Bronze registered—a designation for reduced environmental impact.¹¹

![Energy Star](image)

**Energy Star**

**HP Latex Optimizer**

• Achieve high image quality at high productivity
• Interacts with HP Latex Inks to rapidly immobilize pigments on the surface of the print

**HP Latex printheads**

• See fine details and smooth transitions with HP 831 Latex Printheads providing 1200 dpi native resolution
• Keep day-one image quality by replacing the printheads yourself in a few minutes, without a service call

**HP Latex Inks**

• Scratch resistance comparable to hard-solvent inks on SAV and PVC banner—you can consider unlaminated use for short-term signage¹²
• Outdoor durability up to 5 years laminated, 3 years unlaminated¹³

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**High-efficiency curing**

• Prints are completely cured and dry inside the printer, and ready for immediate finishing and delivery

**Easy maintenance and operation**

• Accessible print zone with large window and lights
• Enjoy low-maintenance printing with automatic drop detection and nozzle replacement

**HP Optical Media Advance Sensor (OMAS)**

• Precise and accurate motion control of media advance between print swaths
• Controls registration automatically including double-sided prints with automated registration across sides¹⁴

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1. Based on a comparison of HP Latex ink technology to competitors with leading market share as of December, 2013 and analysis of published MSDSs and/or internal evaluation. Performance of specific attributes may vary by competitor and ink technology formulation.
2. Applicable to HP Latex Inks. UL ECOLOGO® Certification to UL 2801 demonstrates that an ink meets a range of multi-attribute, lifecycle-based criteria related to human health and environmental considerations (see ul.com/IL).
3. Applicable to HP Latex Inks. UL GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to UL'S GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg or greenguard.org.
4. EPEAT registered where applicable/supported. See epeat.net for registration status by country.
5. Scratch-resistance comparison based on testing third-generation HP Latex Inks and representative hard-solvent inks. Estimates by HP Image Permanence Lab on a range of media.
6. Scratch resistance estimates by HP Image Permanence Lab. Outdoor display permanence tested according to SAE J2527 on a range of media, including HP media in a vertical display orientation in simulated indoor/indoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance may vary as environmental conditions change. Laminated display permanence using HP Clear Gloss Cast Overlaminate, GBC clear gloss 1.7 mil hot laminate, or Neschen Solvoprint Performance Clear 80 laminate. Results may vary based on specific media performance.
7. For best results use media options intended for double-sided printing.
8. ICC profiling with the spectrophotometer does not support uncoated textiles and backlights.
9. The color variation inside a printed job has been measured at 10-pass mode on vinyl media within this limit: maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 243 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colors may experience variations above 2 JDE2000. Backlit substrates measured in transmission mode may yield different results.
3-liter high-capacity HP ink cartridges
• Enjoy more unattended printing
• Reduce expense with cost-effective 3-liter HP Latex ink cartridges

Printer status beacon
• Remote visibility of production for more unattended operation

HP Custom Substrate Profiling
• Simplified color management, directly from the front panel, 8-inch touchscreen
• Pre-installed generic and HP substrate online profile library
• Create custom ICC profiles with the i1 embedded spectrophotometer

Spectrophotometer
• Color consistency for balanced production
• i1 embedded spectrophotometer enables automatic calibration
• Delivers consistent colors to <= 2 dE2000
• Color emulation workflow

Spindleless system
• Fast media load/unload; load in one minute or less
• Front media loading, easy single operator task

Wiper roller
• Get the high-quality results of high-cost materials on lower cost banners and vinyls with the wiper roller

Heavier rolls
• Run unattended—print 100-m (328-ft) length SAV rolls with heavy roll support up to 55 kgs (121 lbs)
• Easy operation with the roll lifter

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HP Latex 570 Printer

Technical specifications

- **Printing**
  - Printing modes: 91 m/min (360 ft/min) - Max Speed (1-pass)
  - 71 m/min (231 ft/min) - Outdoor High Speed (4-pass 4-color)
  - 28 m/min (91 ft/min) - Outdoor Plus (4-pass)
  - 23 m/min (75 ft/min) - Indoor Quality (6-pass)
  - 14 m/min (47 ft/min) - Indoor High Quality (10-pass)
  - 6 m/min (19 ft/min) - Blacktuts, Textiles, and Canvas (16-pass)
  - 5 m/min (16 ft/min) - High Saturation Textiles (20-pass)
- **Print resolution**: Up to 1200 x 1200 dpi
- **Margins**: 5 x 5 x 0.0 mm (0.2 x 0.2 x 0.0 in) (without edge holders)
- **Ink types**: HP Latex Inks
- **Ink cartridges**:
  - Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer
  - Cartridge size: 3 liter, 775 ml
  - Printheads: 12 cyan/black, 2 yellow/magenta, 1 light magenta/gray, and 2 HP Latex Optimizer
- **Color consistency¹**: Average <= 1 de2000, 95% of colors <= 2 de2000

- **Media**
  - Handling: Roll feed; take-up reel; wiper roller; roll lifter; automatic cutter for vinyl, paper-based media, backlit polyester film
  - Media types:
    - Banners, self-adhesive vinyls, films, fabrics, papers, wall-coverings, canvas, synthetics, mesh, textiles
  - **Roll size**: 254 to 1625-mm (10 to 64-in) rolls with full support
  - **Roll weight**: 55 kg (121 lb)
  - **Roll diameter**: 250 mm (9.8 in)
- **Applications**

- **Connectivity**
  - Interfaces (standard): Gigabit Ethernet (1000Base-T)

- **Dimensions (w x d x h)**
  - Printer: 2560 x 792 x 1420 mm (101 x 31 x 56 in)
  - Shipping: 2761 x 1792 mm (109 x 71 in)
- **Weight**
  - Printer: 250 kg (551 lb)
  - Shipping: 360kg (794 lb)
- **What’s in the box**
  - HP Latex 570 Printer, printheads, maintenance cartridge, ink collector, output platen protector, printer stand, roll lifter, take-up reel, loading accessory, user maintenance kit, edge holders, beacon, quick reference guide, setup poster, documentation software, power cords

- **Environmental ranges**
  - Operating temperature: 15 to 30°C (59 to 86°F)
  - Operating humidity: 20 to 80% RH (non-condensing)

- **Acoustic**
  - Sound pressure: 59 dB(A) (printing); 39 dB(A) (ready); < 15 dB(A) (sleep)
  - Sound power: 7.3 dB(A) (printing); 5.4 dB(A) (ready); < 3.5 dB(A) (sleep)

- **Power**
  - Consumption: 4 kW (printing); 85 watts (ready); < 3 watts (sleep)
  - Requirements: Input voltage (auto ranging) 200 to 240 VAC (-10% +10%) two-phase power, 20 to 80% RH (non-condensing)

- **Certification**
  - Safety: IEC 60950-1+A1 and ISO/IEC 11801 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant)
  - Russia, Belarus, and Kazakhstan (EAC) compliant
  - Australia and New Zealand (RCM)

- **Environmental**
  - ENERGY STAR, RoHS, REACH, CE marking compliant
  - FSC® certified, HPLFMedia.com/hp/

- **Warranty**
  - One-year limited hardware warranty

Ordering information

- **Product**: NZG70A, HP Latex 570 Printer
- **Accessories**: FOM59A, HP Latex 300/500 User Maintenance Kit
- **Original HP printheads**: CZ677A, HP B31 Cyan/Black Latex Printhead
- **Original HP ink cartridges and maintenance supplies**: G0Y79D, HP B71A 3-liter Cyan Latex Ink Cartridge
- **Original HP large format printing materials**: CZ682A, HP B31A 775-ml Light Magenta Latex Ink Cartridge
- **Service and support**: USAY4E, HP 2-year Next Business Day with Defective Media Retention HW Support
- **Service maintenance kit**: USAY7E, HP 3 year Next Business Day with Defective Media Retention HW Support
- **Support and services**: USAY8PE, HP 1-year Post Warranty Next Business Day with Defective Media Retention HW Support
- **Original HP Latex Optimizer Printhead**: USAY9E, HP 2-year Channel Rmt Part with Defective Media Retention HW Support
- **Original HP ink cartridges**: CZ682A, HP B31A 775-ml Black Latex Ink Cartridge
- **Original HP Latex Optimizer Printhead**: CZ683A, HP B31A 775-ml Cyan Latex Ink Cartridge
- **Original HP Latex Optimizer Printhead**: CZ684A, HP B31A 775-ml Magenta Latex Ink Cartridge
- **Original HP Latex Optimizer Printhead**: CZ685A, HP B31A 775-ml Yellow Latex Ink Cartridge
- **Original HP Latex Optimizer Printhead**: CZ686A, HP B31A 775-ml Light Cyan Latex Ink Cartridge
- **Original HP Latex Optimizer Printhead**: CZ687A, HP B31A 775-ml Light Magenta Latex Ink Cartridge
- **Original HP Latex Optimizer Printhead**: CZ706A, HP B31A 775-ml Light Magenta Latex Ink Cartridge
- **Original HP Latex Optimizer Printhead**: CZ861A, HP B31A 775-ml Latex Maintenance Cartridge

- **Service and maintenance kit**: CZ867A, HP Latex 570 Service Maintenance Kit 2
- **Service maintenance kit**: CZ868A, HP Latex 570 Service Maintenance Kit 3
- **Service maintenance kit**: CZ869A, HP Latex 570 Service Maintenance Kit 4
- **Service maintenance kit**: CZ870A, HP Latex 570 Service Maintenance Kit 5
- **Service maintenance kit**: CZ871A, HP Latex 570 Service Maintenance Kit 6
- **Service maintenance kit**: CZ872A, HP Latex 570 Service Maintenance Kit 7
- **Service maintenance kit**: CZ873A, HP Latex 570 Service Maintenance Kit 8
- **Service maintenance kit**: CZ874A, HP Latex 570 Service Maintenance Kit 9

1. The color variation inside an inkjet printer has been measured at 10-pass mode on vinyl media within the limit: maximum color difference (95% of colors) <= 2 de2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard DIN67085 (E2000 Standard), 5% of colors may experience variations above 2 de2000. Backlit substrates measured in transmission mode may yield different results.

2. Performance may vary depending on media—for more information, see http://hp.com/go/mediasolutionsconsultant. For best results, use textiles that do not stretch. The optional ink collector is required for porous textiles.

3. This product does not contain substances listed as SVHC (155) per Annex XIV of the EU REACH directive published as of June 16, 2016. In concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP.com/productsandconsumables/compatibility.

4. UL GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to UL’s GREENGUARD ecosolutions Gold Standard Program (EAC); Australia and New Zealand (RCM); Japan (VCCI). For more information, visit FSC.org.

5. For the entire HP Large Format Printing Materials portfolio, please see HP.com/hpmedial. For more information, visit FSC.org.

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