HP Latex 315 Printer

Enter into HP Latex Sign & Display with this compact 1.37 m printer

Expand your applications – beat client expectations

- Print beyond paper – expand to self-adhesive vinyl, backlits, wall paper, and more – up to 1.37 m.
- Reach more indoor spaces, like healthcare – water-based HP Latex Ink prints are odorless.[1]
- Win new clients on eco standards – UL GREENGUARD GOLD Certified inks; prints meet AgBB criteria.[1]
- Produce sharp, consistent, repeatable image quality with high-efficiency curing, 6 colors, and 1200 dpi.

Same-day delivery – you can say "yes" to every job

- Eliminate waiting time – prints come out completely dry and ready for finishing and delivery.
- Produce high quality at speed – 12 m²/hr indoor quality with HP OMAS and HP Latex Optimizer.[2]
- Deliver jobs immediately with the automatic X-axis cutter.
- You can minimise damage risk – scratch resistance is comparable to hard-solvent inks on SAV and PVC banner.[3]

Compact, easy operation helps keep costs low

- Free up workspace and your operator with front media loading and automatic, reliable, low-maintenance printing
- Use optimized profiles, customise yours – HP Quick Substrate Profiling; easy FlexiPrint HP Edition RIP inbox.
- Maintain high image quality over the life of the printer with user-replaceable HP Thermal Inkjet printheads.
- Monitor your printer remotely with the free HP Latex Mobile app.[4]

For more information, please visit http://www.hp.com/go/latex315

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

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[1] Odorless prints: there is a broad set of media with very different odor profiles. Some of the media can affect the odor performance of the final print. 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 http://www.ul.com/gg or http://www.greenguard.org. HP WallArt printed on HP PVC-free Wall Paper and other prints on HP PVC-free Wall Paper printed with HP Latex Inks meet AgBB criteria for health-related evaluation of VOC emissions of indoor building products, see http://www.umweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building.
[2] Indoor quality (8-pass 6-colour) mode.
[3] Estimates by HP Image Permanence Lab on a range of media. Scratch-resistance comparison based on testing HP Latex Inks and representative hard-solvent inks. Outdoor display permanence tested according to SAE J2527 using HP Latex Inks on a range of media, including HP media; in a vertical display orientation in simulated nominal outdoor 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. Results may vary based on specific media performance.
[4] 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 or tablet to be connected to the Internet.

Technical specifications

Print

Printing modes	48 m²/hr – Billboard (2 pass) 16 m²/hr – Outdoor Plus (6 pass) 12 m²/hr – Indoor Quality (8 pass) 10 m²/hr – Indoor High Quality (10 pass) 6 m²/hr – Backlits, Textiles, and Canvas (16 pass) 5 m²/hr – High Saturation Textiles (20 pass)
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex Inks
Ink cartridges	7 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimiser)
Cartridge size	775 ml
Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimiser)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colours ≤ 2 dE2000[1]

Media

Handling	Roll feed, take-up reel (optional), automatic cutter (for vinyl, paper-based media, backlit polyester film)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles, and any other porous materials require a liner)
Roll size	254 to 1371-mm rolls (580 to 1371-mm rolls with full support)
Maximum roll weight	25 kg
Maximum roll diameter	180 mm
Thickness	Up to 0.5 mm

Applications

Banners; Displays; Double-sided banners; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Vehicle graphics; Traffic signage

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T)

Dimensions (W x D x H)

Printer	2307 x 840 x 1380 mm
Shipping	2541 x 760 x 1250 mm

Weight

Printer	174 kg
Shipping	257.5 kg
What's in the box	HP Latex 315 Printer; Printheads; Maintenance cartridge; Printer stand; Spindle; User maintenance kit; Edge holders; Quick reference guide; Setup poster; Documentation software; FlexiPrint HP Edition RIP; Power cords

Environmental ranges

Operating temperature	15 to 30ºC
Operating humidity	20 to 80% RH (non-condensing)

Acoustics

Sound pressure	54 dB(A) (operating), 38 dB(A) (idle), <15 dB(A) (sleep)
Sound power	7.2 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep)

Power

Consumption	2.2 kW (printing), 70 W (ready), <2.5 W (sleep)
Requirements	Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 3 A max per printer power cord; 13 A max per curing power cord

Certification

Safety	IEC 60950-1+A1+A2 compliant; EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including EU (EMC Directive)
Environmental	ENERGY STAR; WEEE; RoHS (EU, Ukraine, Turkey); REACH; EPEAT Bronze; OSHA; CE marking compliant

Warranty

One-year limited hardware warranty

Ordering information

Product

V7L46A	HP Latex 315 Printer

Accessories

F0M55A	HP Latex 54-in Printer 2-in Spindle
F0M59A	HP Latex User Maintenance Kit
F0M64A	HP Series 300/500 Edge Holder Kit
W5A60A	HP Latex 54-in Take-up Reel

Original HP printing supplies

CZ677A	HP 831 Cyan/Black Latex Printhead
CZ678A	HP 831 Yellow/Magenta Latex Printhead
CZ679A	HP 831 Light Magenta/Light Cyan Latex Printhead
CZ680A	HP 831 Latex Optimizer Printhead
CZ681A	HP 831 Latex Maintenance Cartridge
CZ694A	HP 831C 775-ml Black Latex Ink Cartridge
CZ695A	HP 831C 775-ml Cyan Latex Ink Cartridge
CZ696A	HP 831C 775-ml Magenta Latex Ink Cartridge
CZ697A	HP 831C 775-ml Yellow Latex Ink Cartridge
CZ698A	HP 831C 775-ml Light Cyan Latex Ink Cartridge
CZ699A	HP 831C 775-ml Light Magenta Latex Ink Cartridge
CZ706A	HP 831 775-ml Latex Optimizer Ink Cartridge

Original HP large format printing materials

HP Permanent Gloss Adhesive Vinyl (REACH certified[2])
HP Backlit Polyester Film
HP PVC-free Durable Smooth Wall Paper (REACH[2], FSC®[3], UL GREENGUARD GOLD certified[4])
HP Premium Poster Paper (FSC® certified[3])

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

U9JC7E HP 2 year Next Business Day with Defective Media Retention
U9JC8E HP 3 year Next Business Day with Defective Media Retention
U9JD1PE HP 1 year Post Warranty Next Business Day with Defective Media Retention
U9JD2PE HP 2 year Post Warranty Next Business Day with Defective Media Retention

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[1] Reflective measurements on a 943 colour target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. Backlit substrates measured in transmission mode may yield different results.
[2] This product does not contain substances listed as SVHC (155) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP Printing Products and Consumable Supplies.
[3] BMG trademark license code FSC®-C115319, see http://www.fsc.org . HP trademark license code FSC®-C017543, see http://www.fsc.org . Not all FSC®-certified products are available in all regions.
[4] 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 http://www.ul.com/gg or http://www.greenguard.org