



# HP Latex 315 Printer

Enter into HP Latex Sign & Display with this compact 54-in printer



## Expand your applications—beat client expectations

- Print beyond paper—expand to self-adhesive vinyl, backlits, wall paper, and more—up to 54 inches.
- Reach more indoor spaces, like healthcare—water-based HP Latex Ink prints are odorless.<sup>2</sup>
- Win new clients on eco standards—UL GREENGUARD GOLD Certified inks; prints meet AgBB criteria.<sup>2</sup>
- 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—129 ft<sup>2</sup>/hr indoor quality with HP OMAS and HP Latex Optimizer.<sup>3</sup>
- Deliver jobs immediately with the automatic X-axis cutter.
- You can minimize damage risk—scratch resistance is comparable to hard-solvent inks on SAV and PVC banner.<sup>1</sup>

## 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, customize 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.<sup>4</sup>

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://hplatexknowledgecenter.com/>

<sup>1</sup> 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.

<sup>2</sup> 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>.

<sup>3</sup> Indoor quality (8-pass 6-color) mode.

<sup>4</sup> 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	517 ft <sup>2</sup> /hr (48 m <sup>2</sup> /hr)- Billboard (2 pass) 174 ft <sup>2</sup> /hr (16 m <sup>2</sup> /hr)- Outdoor Plus (6 pass) 129 ft <sup>2</sup> /hr (12 m <sup>2</sup> /hr)- Indoor Quality (8 pass) 108 ft <sup>2</sup> /hr (10 m <sup>2</sup> /hr)- Indoor High Quality (10 pass) 65 ft <sup>2</sup> /hr (6 m <sup>2</sup> /hr)- Backlits, Textiles, and Canvas (16 pass) 54 ft <sup>2</sup> /hr (5 m <sup>2</sup> /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 Optimizer)
Cartridge size	775 ml
Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colors ≤ 2 dE2000 <sup>1</sup>

### 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	10 to 54-in (254 to 1371-mm) rolls; (23 to 54-in (580 to 1371-mm)rolls with full support)
Roll weight	55 lb (25 kg)
Roll diameter	7.1 in (180 mm)
Thickness	Up to 19.7 mil (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	91 x 33 x 54 in (2307 x 840 x 1380 mm)
Shipping	100 x 30 x 50 in (2541 x 760 x 1250 mm)

### Weight

Printer	384 lb (174 kg)
Shipping	568 lb (258 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	59 to 86°F (15 to 30°C)
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), <2.5W (sleep)
Requirements	Input voltage (auto ranging) 200-240 V two wires and PE; 50/60 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; USA and Canada (CSA listed)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES)
Environmental	ENERGY STAR; WEEE; REACH; EPEAT Bronze; OSHA

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 HP
F0M64A	Series 300 Edge Holder Kit HP
W5A60A	Latex 54-in Take-up Reel

### Original HP printing supplies

CZ677A	HP B31 Cyan/Black Latex Printhead
CZ678A	HP B31 Yellow/Magenta Latex Printhead
CZ679A	HP B31 Light Magenta/Light Cyan Latex Printhead
CZ680A	HP B31 Latex Optimizer Printhead
CZ681A	HP B31 Latex Maintenance Cartridge
CZ682A	HP B31A 775-ml Black Latex Ink Cartridge
CZ683A	HP B31A 775-ml Cyan Latex Ink Cartridge
CZ684A	HP B31A 775-ml Magenta Latex Ink Cartridge
CZ685A	HP B31A 775-ml Yellow Latex Ink Cartridge
CZ686A	HP B31A 775-ml Light Cyan Latex Ink Cartridge
CZ687A	HP B31A 775-ml Light Magenta Latex Ink Cartridge
CZ706A	HP B31 775-ml Latex Optimizer Ink Cartridge

### Original HP large format printing materials

HP Permanent Gloss Adhesive Vinyl (REACH certified <sup>2</sup> )
HP Backlit Polyester Film <sup>3</sup>
HP PVC-free Durable Smooth Wall Paper (REACH <sup>2</sup> , FSC <sup>®4</sup> , UL GREENGUARD GOLD certified <sup>5</sup> )
HP Premium Poster Paper <sup>3</sup> (FSC <sup>®</sup> certified <sup>4</sup> )

For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](http://HPLFMedia.com).

### Service and Support

U9JC7E	HP 2 year NBD with Defective Media Retention
U9JC8E	HP 3 year NBD with Defective Media Retention
U9JD1PE	HP 1 year Post Warranty NBD with Defective Media Retention
U9JD2PE	HP 2 year Post Warranty NBD with Defective Media Retention

## ECO highlights

- Better for printing companies/operators—no special ventilation or HAPs<sup>1</sup>
- Better for the end-customer, more differentiation—odorless prints reach more indoor spaces<sup>2</sup>
- Better for the environment—HP designs end-to-end sustainability into large-format printing
- HP Latex Inks are UL GREENGUARD GOLD Certified<sup>3</sup>

Please recycle printing hardware and eligible printing supplies. Find out how at our website: <http://www.hp.com/ecosolutions>

<sup>1</sup> Special ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Special ventilation equipment installation is at the discretion of the customer—see the Site Preparation Guide for details. Customers should consult state and local requirements and regulations. Contains no Hazardous Air Pollutants according to EPA Method 31.1.

<sup>2</sup> 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.

<sup>3</sup> 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>.

<sup>4</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. EPEAT registered where applicable/supported. See <http://www.epeat.net> for registration status by country.

<sup>1</sup> Reflective measurements on a 943 color 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.

<sup>2</sup> 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.

<sup>3</sup> HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See <http://www.HPLFMedia.com/hplfecosolutions> for details.

<sup>4</sup> BMG trademark license code FSC<sup>®</sup>-C115319, see <http://www.fsc.org>. HP trademark license code FSC<sup>®</sup>-C017543, see <http://www.fsc.org>. Not all FSC<sup>®</sup>-certified products are available in all regions.

<sup>5</sup> 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>.

