



# 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.<sup>1</sup>
- Win new clients on eco standards – UL GREENGUARD GOLD Certified inks; prints meet AgBB criteria.<sup>1</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 – 12 m<sup>2</sup>/hr indoor quality with HP OMAS and HP Latex Optimizer.<sup>2</sup>
- 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.<sup>3</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, 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.<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://hpllatexknowledgecenter.com/>

<sup>1</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>2</sup> Indoor quality (8-pass 6-colour) mode.  
<sup>3</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 Overlaminates. Results may vary based on specific media performance.

<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	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 <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	254 to 1371 -mm rolls (580 to 1371 -mm rolls with full support)
Roll weight	25 kg
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 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 (±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	
FOM55A FOM59A FOM64A W5A60A	HP Latex 54-in Printer 2-in Spindle HP Latex User Maintenance Kit HP Series 300/500 Edge Holder Kit HP Latex 54-in Take-up Reel
Original HP printing supplies	
CZ677A CZ678A CZ679A CZ680A CZ681A CZ694A CZ695A CZ696A CZ697A CZ698A CZ699A CZ706A	HP 831 Cyan/Black Latex Printhead HP 831 Yellow/Magenta Latex Printhead HP 831 Light Magenta/Light Cyan Latex Printhead HP 831 Latex Optimizer Printhead HP 831 Latex Maintenance Cartridge HP 831C 775-ml Black Latex Ink Cartridge HP 831C 775-ml Cyan Latex Ink Cartridge HP 831C 775-ml Magenta Latex Ink Cartridge HP 831C 775-ml Yellow Latex Ink Cartridge HP 831C 775-ml Light Cyan Latex Ink Cartridge HP 831C 775-ml Light Magenta Latex Ink Cartridge HP 831 775-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® certified <sup>4</sup> )	
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 U9JC6E 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	

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> 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.

<sup>5</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>6</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/hp/ecosolutions> for details.

<sup>7</sup> 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.

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