

Grow with high-value jobs and sharpen your sustainability edge with HP Latex Technology



*Product image may differ from actual product

Win the high-value jobs you are after

- Deliver vivid colours at high speed and get striking contrast using pure blacks.
- Expect reliable, sharp 4-point text with HP Latex printheads featuring 10-picoliter ink drops.
- Choose from a wide application range covering banners/textiles/poster paper, canvas, wallpaper, and vinyl.

Beat your deadlines with smart, efficient printing

- Fast saturated colour up to 31 m²/hr outdoor, 21 m²/hr indoor.¹
- Control print operations virtually anytime, anywhere with HP PrintOS tools, and grow with HP Learn trainings.
- Work fast processing reprints and multi-copy jobs with a smart front panel, and store up to 100 jobs.
- Enjoy fast and easy spindle-less loading and media access for rolls up to 55 kg.

GO BEYOND—Lead with environmental certifications²

- Contribute to a comfortable³ working environment with water-based HP Latex Ink technology.
- Differentiate your business with environmental certifications²—including UL ECOLOGO^{®4} and EPEAT.⁵
- Access the most sensitive spaces with odorless prints³ and compatibility with a wide range of alternative substrates.⁶
- Reduce your plastics consumption with carton-based cartridge⁷ and labelless supplies; free recycling via HP Planet Partners.⁸

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

Messaging Footnotes

¹ Outdoor mode (Banner) 4-pass, 100%. Indoor mode (SAV) 6-pass, 100%. Based on internal HP testing in September 2020 on Avery 3001. Print speed may vary due to the adaptive printing mechanism to avoid image quality defects.

² Based on internal competitive analysis with public information. Applicable to HP Latex technology compared to competitive large format printing alternatives using solvent and UV technologies. See individual product data sheets for more information at <https://hp.com/go/latex>

³ Applicable to HP Latex inks. Based on sensory evaluations conducted by Odournet, done according to VDI Guideline 3882 where 832 and 873 inks were characterized as “weak” in odor intensity and “neutral” for hedonic tone. 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.

⁴ UL ECOLOGO[®] Certified HP 832, HP 872, HP 873, and 882 Latex Inks and HP 864, 865, 866, 867, 869, and 870 PageWide XL Inks meet a range of stringent human health and environmental considerations. Verified as of the publishing date in September 2023. For more details, please refer to the UL ECOLOGO[®] database at <https://spot.ul.com/main-app/products/catalog/> or see <https://www.ul.com/EL>

⁵ Applicable to select HP Latex printers. EPEAT registered where applicable/supported. See <https://epeat.net> for registration status by country.

⁶ HP applications experts have evaluated the catalog of media listed in the HP Media Locator based on internal criteria to identify those that provide alternative solutions with certain environmental benefits compared to the typical media within the same application type. The information in media locator is provided by the media substrate vendors. HP is not responsible for the veracity of the information from third-party companies published on the HP website. See <https://www.hp.com/go/mediasolutionslocator>

⁷ Applicable to HP 832. Plastic reduction based on moving from plastic ink cartridge to cardboard ink cartridges, with annual manufacturing saving of 33 tons of plastic based on average units of HP 831 and HP 831A ink cartridges from 2018 to 2020.

⁸ Program availability varies. For details, see <https://hp.com/hprecycle>

For more information, please visit <http://www.hp.com/go/latex700series> Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at <https://lkc.hp.com/>

Technical specifications

Print	
Print speed	105 m²/hr - Max Speed (1-pass); 31 m²/hr - High Speed (4-pass); 21 m²/hr - Production Fast (6-pass); 17 m²/hr - Production Quality, Textiles and Backlits (8-pass); 16 m²/hr - High Saturation (12-pass); 12 m²/hr - High Saturation Backlits and Textiles (14-pass) ¹
Print resolution	Up to 1200 x 1200 dpi
Technology	HP Latex Printing Technologies
Ink types	Water-based HP Latex Inks
Ink cartridges	8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Latex Overcoat)
Cartridge size	1 L
Printheads	8 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Latex Overcoat)
Long-term print-to-print repeatability	95% of colours ≤ 1.5 dE2000 ²
Media	
Applications	Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers
Handling	Roll feed, take-up reel, wiper roller ³ , media saver, automatic horizontal cutter (for vinyl, banner and canvas ⁴ , paper-based media, and film)
Media rolls	1
Roll size	457 to 1625-mm rolls (580 to 1625-mm rolls with full support)
Maximum roll weight	55 kg
Maximum roll diameter	250 mm
Maximum media width	1625 mm
Thickness	Up to 0.5 mm
Media types	Banners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ⁵
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T)
Dimensions (W x D x H)	

Ordering information

Product	
Y0U22A	HP Latex 700 Printer
Country of origin	Malaysia(ABG, B1K, B19, BCD)
Accessories	
21V10A	HP Latex 600/700/800 Series User Maintenance Kit
421S3A	HP Latex Substrate Saver Accessory
7HR16A	HP Latex 700/800 Textile Kit Accessory
7HR18A	HP Latex 700/800 Series Ink Collector Foams Kit
7HR19A	HP Latex Substrate Loading Accessory
T7U73A	HP Latex 700/800 Series Wiper Roller
Original HP printing supplies	
40U94A	HP 836 Optimizer Latex Printhead
40U96A	HP 836 Latex Maintenance Cartridge
40V75A	HP 832 1-liter Black Latex Ink Cartridge
40V76A	HP 832 1-liter Cyan Latex Ink Cartridge
40V77A	HP 832 1-liter Magenta Latex Ink Cartridge
40V78A	HP 832 1-liter Yellow Latex Ink Cartridge
40V79A	HP 832 1-liter Light Cyan Latex Ink Cartridge
40V80A	HP 832 1-liter Light Magenta Latex Ink Cartridge
40V81A	HP 832 1-liter Optimizer Latex Ink Cartridge
40V82A	HP 832 1-liter Overcoat Latex Ink Cartridge
40V95A	HP 836 Black/Cyan Latex Printhead
40V96A	HP 836 Magenta/Yellow Latex Printhead
40V97A	HP 836 Light Cyan/Light Magenta Latex Printhead
40V98A	HP 836 Overcoat Latex Printhead

Product	2583 x 852 x 1402 mm
Shipping	2800 x 1130 x 1270 mm
Operating area	2793 x 2100 mm
Weight	
Product	261 kg
Shipping	362 kg
Included	
What's in the box	HP Latex 700 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor
Environmental ranges	
Operating temperature	15 to 30°C
Operating humidity	20 to 80% RH (non-condensing)
Acoustics	
Sound pressure	Printing: 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)
Sound power	Printing: 7.8 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep)
Power	
Consumption	1.5-2.5 kW (5 kW peak) (printing), 95 W (ready), <4.7 W ⁶ (sleep) (<19 W ⁷ with DFE), <0.25 W (off)
Requirements	Input voltage (auto ranging) 200-240 V two wires and PE; 50/60 Hz (±3 Hz); two power cords; 9 A max printer power cord; 13 A max curing power cord
Certification	
Safety	IEC 60950-1+A1+A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD, EN 60950-1 and EN 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); China (CCC)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC), China (CCC)
Environmental	ENERGY STAR®, RoHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT, OSHA, CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO
Warranty	One-year limited hardware warranty

Use Original HP inks and printheads, and HP large format printing materials, to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit <https://hp.com/go/OriginalHPInks>

Original HP large format printing materials

HP PVC-free Wallpaper (UL GREENGUARD GOLD Certified⁸, FSC® certified⁹, meets AgBB criteria¹⁰)

HP Photo-realistic Poster Paper

HP Premium Satin Canvas

HP Prime Matte Air GP (REACH compliant¹¹)

HP Premium Removable Gloss Adhesive Vinyl (REACH compliant¹¹)

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

Service and Support

U13D9E HP 2 year Next Business Day with Defective Media Retention

U13DFE HP 3 year Next Business Day with Defective Media Retention

U13DKPE HP 1 year Post Warranty Next Business Day with Defective Media Retention

U13DQPE HP 2 year Post Warranty Next Business Day with Defective Media Retention

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit <http://www.hp.com/go/cpc>

Specification Footnotes

¹ Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects.

² The colour variation between printed jobs has been measured at 12 pass mode on vinyl media. 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:2012.5% of colours may experience variations above 1.5 dE2000. Backlit substrates measured in transmission mode may yield different results.

³ Wiper roller is an optional accessory.

⁴ Automatic horizontal cutter is for use with thinner banners and canvas only. It is recommended to perform a test.

⁵ Textile Kit Accessory required for long runs of textile and porous textile.

⁶ Excluding Type 2 DFE (Digital Front End) as defined in Energy Star® Product Specification for Imaging Equipment version 3.1.

⁷ Total power measured in sleep mode including the Digital Front End contained on the product.

⁸ 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>

⁹ Trademark license code FSC-C115319.

¹⁰ With HP Latex Inks, prints meet AgBB criteria for health-related evaluation of VOC emissions. See <http://umweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building>

¹¹ 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.

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