Data sheet

HP Matte Polymeric Overlaminate

High-performance polymeric matte overlaminate and print film



The HP large format printing system—the complete solution
HP Latex printers, Original HP Latex Inks and printheads, and Original HP printing materials are designed to work together as a system to provide uncompromising image quality, reliability, and consistency—with every print.



1 With HP 871 and 831 Latex Inks, over 10 years laminated display permanence for indoor home or office, commercial in-window, and outdoor displays.

2 As of the date of this document, this product does not contain any of the chemicals on the EU's Candidate List for Authorization (otherwise known as Substances of Very High Concern) in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Article 33 Declaration published at HP Printing Products and Consumable Supplies. Logo source: Copyright European Chemicals Agency.

3 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.

4 B1 approved fire certification.

Produce brilliant image quality—print film doubles as overlaminate

Gain double value with prints and overlaminate
Print high-quality, detailed graphics with this high-performance, calendered polymeric vinyl with a high-gloss finish for indoor and outdoor signs and vehicle graphics. HP Matte Polymeric Overlaminate can also double as an overlaminate for printed images with the utmost protection. Provides durable print performance with over 10 years laminated display permanence.[1]

Differentiate with environmental certifications
Offer a vinyl that complies with high health standards. HP Matte Polymeric Overlaminate is flame-resistant and REACH and RoHS compliant[2]—a regulation of the European Union adopted to improve the protection of human health and the environment.

Save time with a reliable, total HP solution
Original HP printing materials, Original HP inks, and HP large format printers are designed to work together as a system to provide reliable, consistent, quality results that help save time. Prints produced with HP Latex Inks also provide a better approach with end-to-end environmental sustainability.[3]

Target customers	Applications	Benefits
Print service providers	Overlaminate solution	High-performance polymeric calendered vinyl with dual use: brilliant image quality and an overlaminate for protection
	Print film solution	Ease of handling with the lay-flat double-sided, PE-coated silicone release liner
	Indoor and outdoor signage	Provides reassurance with REACH compliance[2]
	Window graphics	Compatible with Original HP Latex Inks; also solvent, low-solvent, and UV-curable inks
	Fleet graphics	Class B1 flame-resistant[4]

Technical specifications



HP Matte Polymeric Overlaminate

For the latest ICC profiles/paper presets, please visit HPLFMedia.com/hp/paperpresets.

Ink technology	Compatible with Original HP Latex Inks; also solvent, low-solvent, and UV-curable inks
Thickness (base vinyl)	76 microns/3 mil per ISO 20534 Test Method
Base vinyl	Calendered high-performance polymeric vinyl
Liner	140 g/m², double-sided PE-coated silicone paper
Adhesive	Clear, permanent pressure-sensitive adhesive
Finish	Matte, less than 10 gloss units at 60˚ reflection
Display permanence (Outdoor unprinted)	In testing
Display permanence (Outdoor)	In testing
Display permanence (Indoor home or office)	In testing
Display permanence (Commercial in-window)	Over 5 years unlaminated, over 10 years laminated with HP 871 and 831 Latex Inks[5]
Water resistance	Water resistant with HP 871 and 831 Latex Inks[6]
Minimum application temperature	4 to 35˚C (39 to 95˚F) on clean, dry surfaces
Service temperature	-28 to 65˚C (-18 to 149˚F)
Operating temperature	15 to 35˚C (59 to 95˚F)
Operating humidity	40 to 60% RH
Flame resistance	B1 approved fire certification
Lamination	Cold lamination; recommend using HP Matte or Gloss Polymeric Overlaminates
Shelf life	2 years, unopened in original packaging
Storage temperature	21 to 24˚C (69 to 75˚F)
Storage humidity	50% RH
Environmental	REACH[7] and RoHS compliant
Country of origin	Product of the United States

Ordering information	**Product numbers**	**Roll sizes**	**UPC codes**	**Region**
	1TH72A	1372 mm x 45,7 m (54 in x 150 ft)	848412024562	United States, Canada, and Latin America
	1TH73A	1524 mm x 45,7 m (60 in x 150 ft)	848412024579	United States, Canada, and Latin America

Warranty	HP large format printing materials are free from defects in materials and workmanship. For warranty statement, please see HPLFMedia.com/go/mediawarranties. To obtain warranty service, please contact Brand Management Group customer support at HPLFMedia.com/hp/en/contactus.

[5] Interior in-window display ratings by HP Image Permanence Lab on a range of HP media. HP predictions based on test data under Xenon-Arc illuminant—calculation assumes 6,000 Lux/12 hr day. For more information, see HPLFMedia.com/hp/printpermanence.

[6] Performance varies based on printer and print profile. Water resistance testing by HP Image Permanence Lab on a range of HP media and follows ISO 18935 method. For more information, see: HPLFMedia.com/hp/printpermanence.

[7] As of the date of this document, this product does not contain any of the chemicals on the EU's Candidate List for Authorization (otherwise known as Substances of Very High Concern) in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Article 33 Declaration published at HP Printing Products and Consumable Supplies. Logo source: Copyright European Chemicals Agency.

REACH **MADE IN THE USA**

For detailed information on the HP large format printing materials portfolio and to order, visit HPLFMedia.com

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