



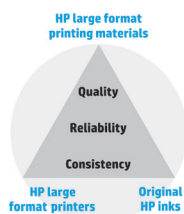
# HP Optimal Gloss Air GRP

High-performance polymeric gloss adhesive vinyl with grey repositionable adhesive



## 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.



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

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> B1 approved fire certification.

<sup>5</sup> Recommended on indoor smooth, non-porous, sealed flat and dry surfaces. Up to 3 months indoor durability. Slip resistance for dry environments.

## Produce stunning, easy-to-install prints

### Experience long-lasting durability

Reduce inventory costs with the wide variety of applications that can be produced with HP Optimal Gloss Air GRP. Experience durable print performance with over 10 years laminated display permanence,<sup>1</sup> with HP's Optimal high-performance polymeric repositionable vinyl. Can be used on indoor smooth floor surfaces in dry conditions when laminated with HP Matte or Gloss Polymeric Overlaminate.

### Differentiate with environmental certifications

Offer a vinyl that complies with high health standards. HP Optimal Gloss Air GRP is flame-resistant<sup>4</sup> and REACH compliant<sup>2</sup>—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.<sup>3</sup>

Target customers	Applications	Benefits
Print service providers	Outdoor signage and advertising	High-performance polymeric calendered vinyl provides stunning print performance
	Fleet graphics	Grey repositionable adhesive provides opacity to achieve the desired hiding power on multiple surfaces
	Window graphics	Air release liner enables quick, bubble-free installation with a smooth finish
	POP and retail displays	Save time with the repositionable adhesive for easy installation
	Trade show and event displays	Flame-resistant <sup>4</sup> material also provides reassurance with REACH compliance <sup>2</sup>
	Wall murals	Over 10 years laminated display permanence <sup>1</sup>
	Decals	Compatible with Original HP Latex Inks; also solvent, low-solvent, and UV-curable inks
	Floor graphics	Safe for use on smooth indoor floor surfaces in dry conditions when combined with HP Matte or Gloss Polymeric Overlaminate <sup>5</sup>



## Technical specifications

### HP Optimal Gloss Air GRP

For the latest ICC profiles/paper presets, please visit [HPLFMedia.com/hp/paperpresets](https://hplfmedia.com/hp/paperpresets).

<b>Ink technology</b>	Compatible with Original HP Latex Inks; also solvent, low-solvent, and UV-curable inks			
<b>Thickness (base vinyl)</b>	76 microns/3 mil per ISO 20534 Test Method			
<b>Base vinyl</b>	Polymeric calendered			
<b>Liner</b>	160 g/m <sup>2</sup> , double-sided PE-coated silicone paper with low-profile air release			
<b>Adhesive</b>	Grey, repositionable pressure-sensitive adhesive; 2 years removable with heat			
<b>Opacity</b>	99% per TAPPI T-425 Test Method			
<b>Finish</b>	Gloss, greater than 70 gloss units at 60° reflection			
<b>Display permanence (Outdoor unprinted)</b>	Over 7 years <sup>6</sup> , 2 years clean removable			
<b>Display permanence (Outdoor)</b>	Over 4 years unlaminate, over 10 years laminated with HP 871 and 831 Latex Inks <sup>6</sup>			
<b>Display permanence (Indoor home or office)</b>	Over 7 years unlaminate, over 10 years laminated with HP 871 and 831 Latex Inks <sup>7</sup>			
<b>Display permanence (Commercial in-window)</b>	Over 5 years unlaminate, over 10 years laminated with HP 871 and 831 Latex Inks <sup>8</sup>			
<b>Water resistance</b>	Water resistant with HP 871 and 831 Latex Inks <sup>9</sup>			
<b>Minimum application temperature</b>	15 to 26°C (59 to 78°F) on clean, dry surfaces			
<b>Service temperature</b>	-40 to 65°C (-40 to 149°F) <sup>11</sup>			
<b>Operating temperature</b>	15 to 35°C (59 to 95°F)			
<b>Operating humidity</b>	40 to 60% RH			
<b>Lamination</b>	Cold lamination; recommend using HP Matte or Gloss Polymeric Overlaminates			
<b>Shelf life</b>	2 years, unopened in original packaging			
<b>Indoor floor durability</b>	Up to 3 months in indoor dry environments			
<b>Storage temperature</b>	21 to 24°C (69 to 75°F)			
<b>Storage humidity</b>	50% RH			
<b>Flame resistance</b>	B1 approved fire certification			
<b>Environmental</b>	REACH <sup>10</sup> and RoHS compliant			
<b>Country of origin</b>	Product of the United States			
<b>Ordering information</b>	<b>Product numbers</b>	<b>Roll sizes</b>	<b>UPC codes</b>	<b>Region</b>
	6GA37A	1372 mm x 50 m (54 in x 164 ft)	848412024869	Europe, Middle East, and Africa
	6GA39A	1524 mm x 50 m (60 in x 164 ft)	848412024876	Europe, Middle East, and Africa
<b>Warranty</b>	HP large format printing materials are free from defects in materials and workmanship. For warranty statement, please see <a href="https://hplfmedia.com/go/mediawarranties">HPLFMedia.com/go/mediawarranties</a> . To obtain warranty service, please contact Brand Management Group customer support at <a href="https://hplfmedia.com/hp/en/contactus">HPLFMedia.com/hp/en/contactus</a> .			

<sup>6</sup> Outdoor unprinted display permanence rating based on white background color change according to SAE J2527; outdoor display permanence rating according to SAE J2527; 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. For more information, see [HPLFMedia.com/hp/printpermanence](https://hplfmedia.com/hp/printpermanence).

<sup>7</sup> Display permanence rating for interior displays/away from direct sunlight by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media. For more information, see [HPLFMedia.com/hp/printpermanence](https://hplfmedia.com/hp/printpermanence).

<sup>8</sup> 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](https://hplfmedia.com/hp/printpermanence).

<sup>9</sup> 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](https://hplfmedia.com/hp/printpermanence).

<sup>10</sup> 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](https://hplfmedia.com/hp/printpermanence). Logo source: Copyright European Chemicals Agency.

<sup>11</sup> Based on internal HP testing exposure at -40°C (-40°F)/53% RH for 24 hours does not appear to have any effect on the peel strength from the substrate.



**MADE IN  
THE USA**

**For detailed information on the HP large format printing materials portfolio and to order, visit [HPLFMedia.com](https://hplfmedia.com)**

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