



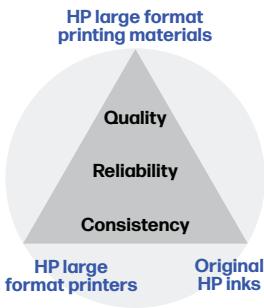
# HP Optimal Gloss Air GRP

High-performance polymeric gloss adhesive vinyl with gray repositionable adhesive



## The HP large format printing system—the complete solution

HP large format printers, Original HP 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.



## 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 outdoor display permanence,<sup>1</sup> with HP's optimal high-performance polymeric repositionable vinyl. Use on indoor smooth floor surfaces up to 3 months,<sup>2</sup> in dry conditions when laminated with HP Gloss or Matte Polymeric Overlaminates.<sup>2</sup>

### REACH compliant<sup>3</sup>

Offer a vinyl that complies with high health standards. HP Optimal Gloss Air GRP is flame-resistant<sup>4</sup> and REACH compliant<sup>3</sup>—a regulation of the European Union adopted to improve the protection of human health and the environment from risks that can be posed by chemicals. With an end-to-end approach, the HP Latex printing system continues to drive a greater sustainable impact in large-format printing.

### 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.

| Target customers        | Applications                    | Benefits  |
|-------------------------|---------------------------------|---|
| Print service providers | Outdoor signage and advertising | High-performance polymeric calendered vinyl provides stunning print performance   |
|                         | Fleet graphics                  | Gray 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   |
|                         | Wall murals                     | Over 10 years laminated outdoor display permanence <sup>1</sup>   |
|                         | Decals                          | Compatible with Original HP Latex Inks; also solvent, low-solvent, and UV-curable inks  |
|                         | Floor graphics                  | Designed for use on smooth indoor floor surfaces up to 3 months, <sup>2</sup> in dry conditions when combined with HP Gloss or Matte Polymeric Overlaminates <sup>2</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 compatability</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>                                   | Gray, repositionable pressure-sensitive adhesive; 2 years removable with heat   |                                   |                  |  |
| <b>Opacity</b>                                    | 99% per TAPPI T-425 Test Method   |                                   |                  |  |
| <b>Finish</b>                                     | Gloss, >70 gloss units at 60° reflection  |                                   |                  |  |
| <b>Display permanence (Outdoor unprinted)</b>     | Over 7 years <sup>5</sup> ; 2 years clean removable   |                                   |                  |  |
| <b>Display permanence (Outdoor)</b>               | Over 4 years unlaminated, over 10 years laminated with HP 871 and 831 Latex Inks printed on the HP Latex 500 Printer series <sup>6</sup>  |                                   |                  |  |
| <b>Display permanence (Indoor home or office)</b> | Over 7 years unlaminated, over 10 years laminated with HP 871 and 831 Latex Inks printed on the HP Latex 500 Printer series <sup>7</sup>  |                                   |                  |  |
| <b>Display permanence (Commercial in-window)</b>  | Over 5 years unlaminated, over 10 years laminated with HP 871 and 831 Latex Inks printed on the HP Latex 500 Printer series <sup>8</sup>  |                                   |                  |  |
| <b>Indoor floor durability</b>                    | Recommended on indoor smooth, non-porous, sealed flat and dry surfaces for up to 3 months   |                                   |                  |  |
| <b>Water resistance</b>                           | Water resistant with HP 871 and 831 Latex Inks printed on the HP Latex 500 Printer series <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>10</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 Gloss or Matte Polymeric Overlaminates  |                                   |                  |  |
| <b>Shelf life</b>                                 | 2 years, unopened in original packaging   |                                   |                  |  |
| <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 compliant <sup>3</sup>  |                                   |                  |  |
| <b>Country of origin</b>                          | Product of the United States  |                                   |                  |  |
| <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> . |                                   |                  |  |
| <b>Ordering information</b>                       | <b>Product numbers</b>  | <b>Roll sizes</b>                 | <b>UPC codes</b> | <b>Region</b>                            |
|   | 4WM08A  | 1372 mm x 45,7 m (54 in x 150 ft) | 848412023909     | United States, Canada, and Latin America |
|   | 4WM10A  | 1524 mm x 45,7 m (60 in x 150 ft) | 848412023923     | United States, Canada, and Latin America |

<sup>1</sup> With HP 871 and 831 Latex Inks printed on the HP Latex 500 Printer series. 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>2</sup> Recommended on indoor smooth, non-porous, sealed flat and dry surfaces for up to 3 months.

<sup>3</sup> See the HP REACH Declaration published at [HP.Printing.Products.and.Consumable.Supplies](https://HP.Printing.Products.and.Consumable.Supplies).

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

<sup>5</sup> Outdoor unprinted display permanence rating based on white background color change 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>6</sup> 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> 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.

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

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