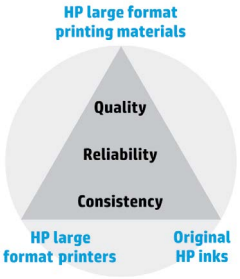
Data sheet

HP Premium Matte Photo Paper



The HP large format printing system—the complete solution
HP DesignJet, Original HP inks and printheads, and Original HP printing materials are designed to work together as a system to provide reliable, consistent results with every print.



1 With Original HP 91 or HP 70 Photo Inks. Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media. For more information, see HPLFMedia.com/printpermanence.

2 With Original HP 91 or HP 70 Photo Inks or Original HP 83 UV inks. 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/printpermanence.

3 With Original HP 771 Vivid Photo Inks, Original HP 91 Photo Inks, Original HP 70 Photo Inks, or HP 83 UV inks. 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/printpermanence.

See rich, lustrous photo-realistic image quality

Achieve vibrant color with an elegant finish
When the design requires a premium touch to capture the best of digital fine art, look to this heavy, matte-finish photo paper with an elegant, smooth finish. From full-color graphics to photo-realistic images, see lustrous highlights, rich details.

Enable worry-free handling
Move quickly and smoothly through post-print processing. Instant-dry prints—even with high ink densities—enable immediate handling and lamination. Excellent film laminate compatibility gives you options.

Create a wide range of durable photo applications
Produce a wide array of graphics-display applications and print with both Original HP dye- and pigment-based inks. Deliver prints with over 200 years indoor display permanence.[1] Offer unlaminated, water-resistant prints.[2]

Target customers	Applications	Benefits
Print service providers	Photo enlargements	Highly-saturated, photo-realistic images
Creative professionals	Posters and presentations	Vibrant color on an elegant, smooth finish
Retail stores	Trade show and event displays	Flat, smooth prints even under high ink densities
Advertising agencies	POP and retail displays	Excellent film laminate compatibility
Graphic designers		Instant-dry prints with unlaminated water resistance[2]
		Up to 3 years laminated, 1+ years unlaminated in-window display permanence[3]
		200+ years indoor display permanence[1]
		Compatible with both Original HP dye- and pigment-based inks

Technical specifications



HP Premium Matte Photo Paper
For the latest ICC profiles/paper presets and a variety of resources to help you get the most out of your printer and HP large format materials, please visit HPLFMedia.com/paperpresets.

Weight	224 g/m² per ISO 536 Test Method
Thickness	227 microns /10.9 mil per ISO 534 Test Method
Opacity	98% per TAPPI T-425 Test Method
Brightness	91% per TAPPI T-452 Test Method
Whiteness	130 per CIE Ganz 82 Test Method
Finish	Matte
Operating temperature	15 to 35° C / 59 to 95° F
Operating humidity	20 to 80% RH
Display permanence (Commercial in-window)	3+ years laminated, 1+ years unlaminated with Original HP 91 Photo Inks; 1+ years unlaminated, 2+ years laminated with Original HP 771 Vivid Photo Inks; 1+ years unlaminated, 1+ years laminated with Original HP 70 Photo Inks or HP 83 UV inks[4]
Display permanence (Indoor home or office)	200+ years away from direct sun with Original HP 91 or HP 70 Photo Inks; 100+ years with Original HP 83 UV inks[5]
Dry time	Instant dry (at 23° C, 50% RH)
Lamination	Yes, with thermal, heat assist, and pressure-sensitive film laminates
Shelf life	1 year, unopened in original packaging
Storage temperature	0 to 40° C / 32 to 104° F
Storage humidity	5 to 95% RH
Country of origin	Product of Germany

Ordering information

Product numbers	Roll sizes	UPC codes	Region
CG459B	610 mm x 30,5 m (24 in x 100 ft)	848412013382	Worldwide
CG460B	914 mm x 30,5 m (36 in x 100 ft)	848412013399	Worldwide

Warranty	HP large format printing materials are free from defects in materials and workmanship. For warranty statement please see HPLFMedia.com/hp/MediaWarranties.

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[4] 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/t/printpermanence.

[5] Display permanence rating for interior displays/away from direct sunlight, under glass 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/t/printpermanence.

[6] 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/t/printpermanence.

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

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May 2022