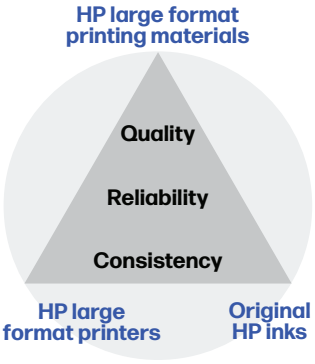
Data sheet

HP Photo-realistic Poster Paper

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.



See photo paper quality—on recyclable poster paper

Deliver high-quality images, long-lasting prints
Produce vibrant, photo-realistic prints ideal for long-lasting displays on this paper-based alternative to more costly photo media. HP Photo-realistic Poster Paper is an ideal solution for a wide range of indoor graphic display applications.

Enjoy easy post-print processing—with the environment in mind
Smooth your workflow with this easy-to-use paper. A fast dry time facilitates post-print processing. Enable further productivity gains—HP Photo-realistic Poster Paper can be laminated, mounted, and processed conventionally. Meet the environmental objectives of your company—and your clients—with this FSC®-certified[1] paper.

See reliable results, consistent performance
Experience the reliable performance of the HP large format printing system. HP Photo-realistic Poster Paper is engineered with Generation 2 Original HP inks and the printer to deliver consistent image quality and excellent handling.

Target customers	Applications	Benefits
Print service providers	Trade show and event displays	Image-quality comparable to indoor photo papers
	POP and retail displays	6+ months indoor, in-window display permanence, unlaminated;[2] 150 years away from direct sun[3]
	Posters and photo enlargements	Fast dry time
	Banners	Easy post-print processing
		Water-resistant prints[4]
		FSC®-certified paper[1]

Technical specifications

HP Photo-realistic Poster Paper
For the latest ICC profiles/paper presets, please visit HPLFMedia.com/hp/paperpresets.

Ink compatibility	Original HP pigment- and dye-based inks
Weight	216 g/m² per ISO 536 Test Method
Thickness	205 microns/8.1 mil per ISO 534 Test Method
Opacity	98% per TAPPI T-425 and ISO 2471 Test Methods
Brightness	90 per TAPPI T-452 Test Method, 92% per ISO 2470 Test Method
Whiteness	115 per CIE Ganz 82 Test Method, 99 per ISO 11476 Test Method, 114 per ISO 11475 Test Method
Finish	Satin
Operating temperature	15 to 100° C / 59 to 212° F
Operating humidity	20 to 80% RH
Display permanence (Indoor home or office)	150 years away from direct sun with Original HP 789 Latex DesignJet Inks or HP LX600 Latex Scitex Inks[3]
Display permanence (Commercial in-window)	6+ months, unlaminated with Original HP 789 Latex DesignJet or HPLX600 Latex Scitex Inks[2]
Water resistance	Water resistant with Original HP 792 Latex DesignJet Inks or HP LX600 Latex Scitex Inks[4]
Dry time	Instant dry with heating (at 23° C, 50% RH)
Lamination	Yes, hot, cold, or hot press
Shelf life	2 years, unopened in original package
Storage temperature	0 to 40° C / 32 to 104° F
Storage humidity	5 to 95% RH
Environmental	FSC®-certified[1], Commonly recyclable[5]
Country of origin	Product of Italy
Warranty	HP large format printing materials are free from defects in materials and workmanship. For warranty statement, please see HPLFMedia.com/mediawarranties. To obtain warranty service, please contact Brand Management Group customer support at HPLFMedia.com/hp/en/contactus.

Ordering information

Product numbers	Roll sizes	UPC codes	Region
CG419A	914 mm x 61 m (36 in x 200 ft)	848412009644	Worldwide
CG420A	1372 mm x 61 m (54 in x 200 ft)	848412009651	Worldwide
CG421A	1524 mm x 61 m (60 in x 200 ft)	848412009668	Worldwide

1 HP has a policy for offering Forest Stewardship Council® (FSC®)-certified papers that are sourced from FSC®-certified forests and other controlled sources. BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit HPLFMedia.com.
2 With Original HP 789 Latex DesignJet or HP LX600 Latex Scitex 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/hp/printpermanence.
3 With Original HP 789 Latex DesignJet or HP LX600 Latex Scitex 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/hp/printpermanence.
4 With Original HP 792 Latex Designjet Inks or HP LX600 Latex Scitex 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/hp/printpermanence.
5 Recyclable through commonly available recycling programs

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

June 2025