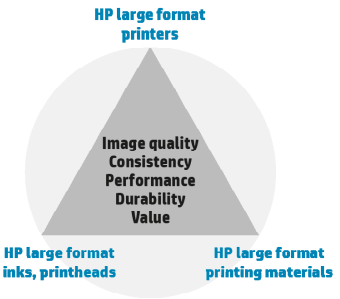
Data sheet

HP HDPE Reinforced Banner



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 reliable, consistent results with every print.



Eco Highlights

- Free, convenient recycling through the HP Large Format Media take-back program[1]
- Support efficient use of resources—lightweight construction helps reduce raw material consumption
- Reduce the carbon footprint of banner material by over 80%[2]

[1] Program availability varies. Recycling programs may not exist in your area. See **HPLFMedia.com/hp/ecosolutions** for details.

[2] Compared with a traditional 440 g/m² (13-oz) PVC scrim product. Carbon footprint calculation per the Swiss Center for Life Cycle Inventories Ecoinvent 2.0 database and model IPCC 2007 version 1.02; calculation includes greenhouse gas emissions from activities associated with the manufacturing process.

Please recycle large-format printing hardware, ink cartridges, and printheads.
Find out how at our website: **HPLFMedia.com/hp/ecosolutions**

Offer a compelling alternative to PVC scrim

Offer a recyclable[1] alternative to PVC

Impress your environmentally conscious customers with a recyclable alternative to PVC scrim banner. Achieve the performance of PVC at less than half the weight. And see how you can reduce costs and create potential for new business, new profit.

Produce durable, vibrant banners with the ColorPRO difference

Engineered with ColorPRO Technology to deliver color excellence, this banner material delivers professional quality and striking results. And you can challenge your signage to the rough-and-ready demands of outdoor banner display. This versatile, lightweight material produces a smooth finish, offers the tear strength of 440 g/m² (13-ounce) PVC scrim, and it's temperature and water resistant.[2]

See how your business can benefit

Make the shift, keep the reliable performance. Using proprietary HP media technology, HP HDPE Reinforced Banner is optimized with HP Latex Inks and HP UV-curable inks to give you a compelling alternative to PVC scrim, and to provide consistent, reliable performance.

Target customers	Applications	Benefits
Print service providers	Trade show and event displays	Recyclable[1] alternative to PVC-based scrim banners
	Banners	Lightweight material with tear strength greater than or equal to 440 g/m² (13-oz) PVC scrim
	Signage	Can enable reduced transportation[3] and disposal[4] costs
	Street pole banners	Durable fade-,[5] temperature-, tear-, and water-resistant[2] output
		Stitch, grommet, and weld print-to-print and back-to-back only

Technical specifications



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

Weight	180 g/m² (5 oz) per ISO 536 Test Method
Thickness	203 microns/8 mil per ISO 20534 Test Method
Opacity	92% per TAPPI-T 425 Test Method
Brightness	92% per TAPPI T-452 Test Method
Whiteness	87 per ISO 11475 Test Method
Finish	Gloss
Tear strength	MD > 40N / CD > 45N per ASTM D 882-02
Tensile strength	MD > 350 N/25 mm / CD > 300 N/25 mm per ASTM D 882-02
Operating temperature	15 to 40° C / 59 to 104° F
Operating humidity	20 to 100% RH
Display permanence (Outdoor)	1 year, unlaminated with HP Latex Inks[5]
Water resistance	Water resistant with HP Latex Inks[2]
Dry time	Instant dry
Shelf life	2 years, unopened in original packaging
Storage temperature	0 to 40° C / 32 to 104° F
Storage humidity	0 to 100% RH
Recyclability	Recyclable through the HP Large Format Media take-back program[1]
Country of origin	Product of Canada

Ordering information

Product numbers	Roll sizes	UPC codes	Region
J3H57A	914 mm x 45,7 m (36 in x 150 ft)	848412014884	US
E4J13A	1372 mm x 45,7 m (54 in x 150 ft)	848412012330	Worldwide
E4J14A	1524 mm x 45,7 m (60 in x 150 ft)	848412012347	Worldwide

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

1 HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See **HPLFMedia.com/hp/ecosolutions** for details.

2 Tested with HP LX610 Latex Inks on the HP Latex 850 Printer (formerly the HP Scitex LX850 Printer) and with HP 792 Latex Inks on the HP Latex 280 Printer (formerly the HP Designjet L28500 Printer series). Water resistance testing by HP Image Permanence Lab on a wide range of media, including HP media; water resistance is comparable to eco- and low-solvent inks when printed on water-resistant substrates. Water resistance testing follows ISO 18935 method. Results may vary based on specific media performance. For more information, see **HJPLFMedia.com/hp/printpermanence**.

3 Based on the transportation cost per square foot of material comparing a 30-roll pallet of HP HDPE Reinforced Banner (1067 mm x 45,7 m/42 in x 150 ft rolls, 773 lbs, 15750 ft² of material) and a 20-roll pallet of a traditional 440 g/m² (13-oz) PVC scrim product (1067 mm x w35 m/42 in x 115 ft, 844 lbs, 8050 ft² of material); using FedEx National shipping rates (Standard Service) from San Diego, California to New York, New York of $4.87 per lb for 773 lbs and $4.87 per lb for 844 lbs. Ground transportation costs vary by region and ship-to location.

4 In many European countries such as the United Kingdom, there is a Landfill Tax payable on waste disposed of at landfills. The Tax is regulated by HM Revenue and Customs. Tax on active waste amounts to £40/tonne (+VAT) in 2009-2010 and is set to increase £8/per year to 2013. According to **defra.gov.uk/environment/economy/waste/**, this is becoming a standard practice for other EU countries **cewep.com/data/landfill/index.html**.

5 Tested with HP LX610 Latex Inks on the HP Latex 850 Printer (formerly the HP Scitex LX850 Printer) and with HP 792 Latex Inks on the HP Latex 280 Printer (formerly the HP Designjet L28500 Printer series). HP image permanence and scratch, smudge, and water resistance estimates by HP Image Permanence Lab on a range of media including HP printing materials. For more information, see **HJPLFMedia.com/hp/printpermanence**.

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

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