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HP large format graphics & technical **PRODUCT GUIDE**

Designed together with Original HP inks and the printer

HP offers a broad printing materials portfolio specifically designed to meet the needs of graphics, photography, and technical professionals. All products deliver vivid, high-quality prints and offer excellent price-to-performance ratios.

Key large format applications



Print with the environment in mind

As you and your customers become increasingly concerned with the environmental impact of printing, look to HP for large format printing materials that reflect responsible sourcing practices and offer recycling options. FSC®- and PEFC[™]-certified papers support the development of responsible forest management worldwide. Many HP graphics and technical printing materials are recyclable through commonly available recycling programs and select materials, optimized for sign and display applications, can be recycled through the free, convenient HP Large Format Media take-back program.⁴

⁴ HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See <u>globalbmg.com/hp/</u> ecosolutions for details.



The mark of responsible forestry





Color

Color

HP bond & coated papers



Bond papers

HP Universal Bond Paper 🛟 FSC® certified

HP Universal Bond Paper with ColorPRO Technology delivers professional quality and striking results at production speed. See more striking colors, crisper text and graphics, and higher-contrast blacks.

Weight: 80 g/m² (21 lbs) Thickness/caliper: 106 microns/4.2 mil Whiteness: 160⁶ Brightness: 110%⁷ Opacity: 91%⁸

HP Bright White Inkjet Paper 🏠 FSC® certified

HP Bright White Inkjet Paper with ColorPRO Technology is our brightest white bond paper. This costeffective paper is ideal for everyday black and color line drawings. See the ColorPRO difference with high-impact graphics and an extended range of colors.

Weight: 90 g/m² (24 lbs) Thickness/caliper: 119 microns/4.7 mil Whiteness: 1686 Brightness: 113%7 Opacity: 93%8

Coated papers

HP Coated Paper ⁽¹⁾ PEFC[™] certified (Also available in 3-in core.)

Do more with this versatile premium bright white paper—from working comps and design proofs to fine line drawings and illustrations. This premium bright white paper is easy to handle and provides high-quality, consistent results.

Weight: 90 g/m² (24 lbs) Thickness/caliper: 114 microns/4.5 mil Whiteness: 145° Brightness: 89%¹⁰ Opacity: 93%¹¹

HP Universal Coated Paper 🛟 FSC[®] certified (Also available in 3-in core.)

HP Universal Coated Paper is an economical material ideal for a variety of technical and graphics applications from working comps and design proofs to POP signage and special event posters.

Weight: 90 g/m² (24 lbs) Thickness/caliper: 124 microns/4.9 mil Whiteness: 117¹² Brightness: 89%¹⁰ Opacity: 89%¹¹

HP Universal Heavyweight Coated Paper 🍄 FSC® certified (Also available in 3-in core.)

This economical printing material is ideal for a variety of medium ink-density graphics and technical applications including presentations, indoor signs, and posters that are frequently replaced.

Weight: 125 g/m² (33 lbs) Thickness/caliper: 165 microns/6.5 mil Whiteness: 130¹² Brightness: >95%¹⁰ Opacity: >90%¹¹

HP Heavyweight Coated Paper ³ PEFC[™] certified (Also available in 3-in core.)

HP Heavyweight Coated Paper is ideal for durable, long-term applications such as signs and posters. The bright, matte inkjet paper makes colorful, light ink-density images look crisp and smooth.

Weight: 130 g/m² (35 lbs) Thickness/caliper: 167 microns/6.6 mil Whiteness: 144¹² Brightness: 89%¹⁰ Opacity: 96%¹¹

HP Super Heavyweight Plus Matte Paper 🌮 FSC® certified (Also available in 3-in core.)

HP Super Heavyweight Plus Matte Paper is a best-in-class graphics display media that delivers sharp image quality and ripple-free prints, even with high ink density. Enhance productivity with broad application versatility, instant dry time, and excellent film laminate compatibility. See a rich, distinctive look and feel with the ultra-white matte finish.

Weight: 210 g/m² (55 lbs) Thickness/caliper: 264 microns /10.4 mil Whiteness: 130¹² Brightness: 91%¹⁰ Opacity: 98%¹¹

HP technical papers



HP Special Inkjet Paper 🛟 FSC® certified

HP Special Inkjet Paper is an economical everyday paper, ideal for high/resolution presentation araphics.

Weight: 100 g/m² Thickness/caliper: 135 microns/5.3 mil Whiteness: 240¹² Brightness: 96%¹⁰ Opacity: 92%¹¹

HP Natural Tracing Paper 🏠 FSC® certified

HP Natural Tracing Paper is designed for reproducible final drawings that are highly durable.

Weight: 90 g/m² Thickness/caliper: 76 microns/3 mil Whiteness: N/A Brightness: 61%¹⁰ Opacity: 25%¹¹

HP Translucent Bond Paper 🏠

This economical alternative to vellum is ideal for reproducible drawings and check prints.

⁵ Can be recycled through commonly available recycling programs.

- ⁶ Per ISO 11475 Test Method.
- 7 Per ISO 2470-2 Test Method.
- ⁸ Per ISO 2471 Test Method.
- ⁹ Per CIE Whiteness ISO 11475 D65/10° Outdoor Daylight Test Method.
- ¹⁰ Per TAPPI T-452 Test Method.
- ¹¹ Per TAPPI T-425 Test Method.
- ¹² Per CIE Ganz 82 Test Method.
- ¹³ HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See <u>globalbmg.com/hp/</u> <u>ecosolutions</u>) for details.
- ¹⁴ Per TAPPI T-425 Test Method.
- ¹⁵ Per ISO 2469 Test Method.
- ¹⁶ Per ISO 2470 Test Method.
- ¹⁷ Per CIE Ganz 82 Test Method.
- ¹⁸ Per TAPPI T-452 Test Method.
- ¹⁹ Display permanence rating for interior displays/ away from direct sunlight, under glass by HP Image Permanence Lab. For more information, see globalBMG.com/hp/t/printpermanance.



Brochure | Original HP large format printing materials & supplies

HP films (graphics & technical)





HP Clear Film 🛟 13

HP Clear Film is ideal for multiple overlays and transparent images. This optically clear film provides excellent ink adhesion and bleed control as well as bright, vivid colors.

Weight: 174 g/m² Thickness/caliper: 132 microns/5.2 mil Whiteness: N/A Brightness: N/A Opacity: 8%¹⁴

HP Matte Film 🛟 13

Keep track of changes during the review process. Redraw in pen, pencil, or marker on the erasable side, write with pen on the traditional drafting coating on the opposite side. This smear-resistant, archivable, and recyclable¹³ film produces sharp black and color lines and uniform solid areas and is ideal for original and high-volume reproducible drawings.

Weight: 160 g/m² Thickness/caliper: 127 microns/5 mil Whiteness: N/A Brightness: 72%¹⁵ Opacity: 34%¹⁶

HP photographic papers



Optimized for Original HP dye-based inks

HP Universal Gloss Photo Paper FSC® certified

HP Universal Gloss Photo Paper is an economical and versatile choice for presentation graphics, displays, and color presentations.

Weight: 200 g/m² Thickness/caliper: 185 microns/7.4 mil Whiteness: 120¹⁷ Brightness: 95%¹⁸ Opacity: 95%¹⁴

HP Universal Satin Photo Paper FSC[®] certified

HP Universal Satin Photo Paper is a versatile, economical satin-finish paper that provides excellent image quality and vivid color for presentation graphics, displays, and presentations.

Weight: 200 g/m² Thickness/caliper: 185 microns/7.4 mil Whiteness: 120¹⁷ Brightness: 95%¹⁸ Opacity: 95%¹⁴

HP Premium Gloss Photo Paper FSC[®] certified

This FSC®-certified premium glossy photo paper delivers both excellent image quality and longlasting display permanence. With an excellent color gamut and consistent gloss, see accurate color and color stability in less than one hour. Photo-realistic prints achieve up to 60 years indoor display permanence.¹⁹

Weight: 240 g/m² Thickness/caliper: 248 microns/9.8 mil Whiteness: >or = to 99¹⁷ Brightness: >or = to 87%¹⁵ Opacity:>or = to 93%¹⁶

HP Premium Satin Photo Paper FSC® certified

This FSC®-certified premium satin photo paper delivers both excellent image quality and long-lasting display permanence. With an excellent color gamut, see accurate color and color stability in less than one hour. Photo-realistic prints achieve up to 70 years indoor display permanence.²¹

Weight: 240 g/m² Thickness/caliper: 248 microns/9.8 mil Whiteness: >or = to 9917 Brightness: >or = to 87%17 Opacity: >or = to 93%16

Optimized for Original HP pigment-based inks

HP Everyday Instant-dry Gloss Photo Paper 🛟²⁰ FSC® certified

Designed for maximum ink absorption, this everyday gloss-finish photo paper includes a porous surface that enables higher ink density, speeds dry time, and achieves vibrant, long-lasting color. And this FSC®-certified paper is recyclable through commonly available recycling programs.²⁰

Weight: 235 g/m² Thickness/caliper: 231 microns/9.1 mil Whiteness: 90²¹ Brightness: 90%^{18,16} Opacity: 96%^{14,22}

HP Everyday Instant-dry Satin Photo Paper 🍄 FSC® certified

Designed for maximum ink absorption, this everyday satin-finish photo paper includes a porous surface that enables higher ink density, speeds dry time, and achieves vibrant, long-lasting color. And this FSC®-certified paper is recyclable through commonly available recycling programs.²⁰

Weight: 235 g/m² Thickness/caliper: 231 microns/9.1 mil Whiteness: 90²¹ Brightness: 90%^{18,16} Opacity: 96%^{14,22}





²⁰ In North America and Asia (including Japan), recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area); in Europe recyclable in consumer collection systems that accept liquid packaging.

²¹ Per ISO 11476 Test Method.

³ Per ISO 2471 Test Method.



Color

HP photographic papers (contined)



Color

HP Universal Instant-dry Gloss Photo Paper 🛟 SC® certified

This economical gloss-finish photo paper has been improved, now offering even higher image quality with deeper blacks and more vivid colors. Prints dry instantly for immediate handling and lamination. And indoor displays on this FSC®-certified paper provide exceptional display permanence.²⁴

Weight: 200 g/m² Thickness/caliper: 195 microns/7.7 mil Whiteness: 99²⁵ Brightness: > 92%²⁶ Opacity: > 94.5%²⁷

HP Universal Instant-dry Satin Photo Paper 🛟 SC® certified

This economical satin-finish photo paper has been improved, now offering even higher image quality with deeper blacks and more vivid colors. Prints dry instantly for immediate handling and lamination. And indoor displays on this FSC®-certified paper provide exceptional display permanence.²⁴

Weight: 200 g/m² Thickness/caliper: 200 microns/7.9 mil Whiteness: 99²⁵ Brightness: > 92%²⁶ Opacity: > 94.5%²⁷

HP Premium Instant-dry Gloss Photo Paper 🛟 FSC® certified



This premium gloss-finish photo paper has been improved to offer unrivaled image quality for brilliant photos and high-impact display graphics—from posters and presentations to retail graphics. Prints dry instantly for immediate handling and lamination. And indoor displays on this FSC[®]-certified paper provide exceptional display permanence.²⁵

Weight: 260 g/m² Thickness/caliper: 261 microns/10.3 mil Whiteness: 105²⁸ Brightness: 92%²⁶ Opacity: 97%²⁹

HP Premium Instant-dry Satin Photo Paper 🍄 SC® certified



This premium satin-finish photo paper has been improved to offer unrivaled image quality for brilliant photos and high-impact display graphics—from posters and presentations to retail graphics. Prints dry instantly for immediate handling and lamination. And indoor displays on this FSC®-certified paper provide exceptional display permanence.²⁴

Weight: 260 g/m² Thickness/caliper: 261 microns/10.3 mil Whiteness: 104²⁸ Brightness: 92%²⁶ Opacity: 97%²⁹

HP Professional Instant-dry Satin Photo Paper

This professional, satin-finish photo paper is ideal for printing photographs with vivid, true-to-life colors, realistic skin tones, rich blacks, and sharp details. The professional-grade weight adds a gallery-ready look and feel and enables easier handling of large-size exhibition prints. Long-lasting display prints provide exceptional display permanence.²⁴

Weight: 300 g/m² Thickness/caliper: 287 microns/11.3 mil Whiteness: > 115²⁸ Brightness: > 91%^{26,30} Opacity: > 97%²⁹, > 95%²⁷

HP Premium Matte Photo Paper 🛟²³ FSC[®] certified

This premium photo paper features a smooth matte surface together with a sturdy 210-g/m² weight ideal for producing professional, ripple-free prints. Instant-dry prints enable immediate lamination.

Weight: 210 g/m² Thickness/caliper: 264 microns /10.4 mil Whiteness: 130²⁸ Brightness: 91%²⁶ Opacity: 98%²⁹



- ²³ In North America and Asia (including Japan), recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area); in Europe recyclable in consumer collection systems that accept liquid packaging.
- ²⁴ Indoor display permanence ratings by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media. For more information, see <u>globalBMG.com/hp/t/</u> printpermanence.
- ²⁵ Per ISO 11476 Test Method.
- ²⁶ Per TAPPI T-452 Test Method.
- ²⁷ Per ISO 2471 Test Method.
- ²⁸ Per CIE Ganz 82 Test Method.
- ²⁹ Per TAPPI T-425 Test Method.
- ³⁰ Per ISO 2470 Test Method.

HP backlit materials



HP Premium Vivid Color Backlit Film 🛟 🐴

With a porous coating on the printable front side, HP Premium Vivid Color Backlit Film enhances image definition and provides excellent color contrast. A thick, stiff construction enables easy handling. Designed together with Original HP pigment inks, this film produces fast-dry prints with excellent indoor, in-window display permanence.³²

Weight: 285 g/m² Thickness/caliper: 220 microns/8.7 mil Whiteness: 115³³, 110³⁴ Brightness: >or = to 86%³⁵ Opacity: >or = to 77%³⁶ >or = to **74%**³⁷



- ³¹ HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See globalBMG.com/hp/ ecosolutions for details.
- 32 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 **globalBMG**. com/hp/t/printpermanence.
- ³³ Per CIE Ganz 82 Test Method. 34 Per ISO 11476 Test Method.
- 35 Per TAPPI T-452 Test Method.
- ³⁶ Per TAPPI T-425 Test Method.
- ³⁷ Per ISO 2471 Test Method.

HP self-adhesive materials



HP Universal Adhesive Vinyl, 2 Pack

An economical, everyday adhesive vinyl ideal for indoor applications. HP Universal Adhesive Vinyl is easy to use and produces long-lasting, eye-catching displays.

Weight:	Thickness/caliper:	Whiteness:	Brightness:	Opacity:	
Without liner: 150 g/m ²	Without liner: 139 microns (5.5 mil)	With liner: 115 ³⁸ . 141 ³⁹	With liner: >95% ⁴⁰ , >96% ⁴¹	With liner: >96% ^{42,43}	
With liner: 290 g/m²	With liner: 289 microns (11.4 mil)	115,141	-3370 ,-3070	- 30 /0	

HP Colorfast Adhesive Vinyl, 2 Pack

Produce indoor signage with image quality so sharp, it stands up to close inspection. With a broad color gamut, you get big, vibrant color. And with a permanent, pressure-sensitive adhesive, this vinyl is easy to use and resists peeling.

Weight:	Thickness/caliper:	Whiteness:	Brightness:	Opacity:
Without liner: 190 g/m²	Without liner: 160 microns (6.3 mil)	With liner:	With liner:	With liner:
With liner: 345 g/m²	With liner: 325 microns (12.8 mil)	112 ³⁸ , 130 ³⁹	>90% ⁴⁰ , >92% ⁴¹	>95% ⁴² , >96% ⁴³

HP Everyday Adhesive Matte Polypropylene, 2 Pack

A versatile and durable polypropylene film that produces quality prints with excellent color vibrancy at an everyday price. Ideal for both indoor and outdoor applications.

Weight:	Thickness/caliper:	Whiteness:	Brightness:	Opacity:
Without liner: 120 g/m²	Without liner: 180 microns (7.1 mil)	With liner:	With liner: >101% ⁴¹	With liner: >96% ^{42,43}
With liner: 168 g/m²	With liner: 215 microns (8.5 mil)	150 ³⁹	>101%**	>90%****

HP Everyday Adhesive Gloss Polypropylene, 2 Pack

This self-adhesive polypropylene film produces glossy prints with excellent color vibrancy and brilliant, photo-realistic images. Tear-resistant and easy to handle, its strong adhesive ensures secure, reliable mounting.

Weight:	Thickness/caliper:	Whiteness:	Brightness:	Opacity:
Without liner: 120 g/m² With liner: 168 g/m²	Without liner: 180 microns (7.1 mil) With liner: 215 microns (8.5 mil)	With liner: 99% ^{38, 39}	With liner: 87.5% ^{40,} 90% ⁴¹	With liner: >95% ⁴² , >96% ⁴³



- ³⁸ Per ISO 11476 Test Method.
- ³⁹ Per ISO 11475 Test Method.
- ⁴⁰ Per TAPPI T-452 Test Method.
 ⁴¹ Per ISO 2470 Test Method.
- ⁴² Per TAPPI T-425 Test Method.
- ⁴³ Per ISO 2471 Test Method.

6

HP banner & sign materials



HP Opaque Scrim

HP Opaque Scrim is a matte, opaque PVC banner with a tear-resistant polyester fabric embedded between two white vinyl layers. It is an easy-to-use, high-quality material for banners, decorating, and indoor and outdoor signs.

Weight: 460 g/m² Thickness/caliper: 340 microns/13.4 mil Whiteness: 140⁴⁴ Brightness: 92%⁴⁵ Opacity: 100%⁴⁶

HP Premium Matte Polypropylene, 2 Pack 🛟 47

This versatile, durable matte polypropylene film is water-48 and tear-resistant, making it ideal for both indoor and outdoor applications full of brilliant color and edge definition. And it's recyclable.47

Weight: 140 g/m² Thickness/caliper: 231 microns (9.1 mil) Whiteness: 120⁴⁹,154⁵⁰ Brightness: >99%, 105%⁵¹ Opacity: >96%⁴⁶, 98%⁵²

HP Everyday Matte Polypropylene, 2 Pack 🛟 47

Produce high-impact signs with this versatile, durable matte polypropylene film. This tear-resistant substrate is easy to use and handle, and is ideal for both indoor and outdoor applications.

Weight: 120 g/m² Thickness/caliper: 203 microns/8 mil Whiteness: >11349 Brightness: >101%⁵¹ Opacity: >96%46

HP Durable Semi-gloss Display Film

HP Durable Semi-gloss Display Film is an opaque, white inkjet-compatible coated PET film designed for pop-up display and roll-up indoor presentation systems. No backside lamination is needed, and this film is resistant to stress from rolling and unrolling.

Weight: 265 g/m² Thickness/caliper: 198 microns/7.8 mil Whiteness: N/A Brightness: 119%⁵³ Opacity: >99%⁵⁴

HP Durable Banner with DuPont™ Tyvek,® 2 Pack 🛟47

HP Durable Banner with DuPont[™] Tyvek[®] is durable, water resistant, and easy-to-handle. Grommetable, stitchable, tear resistant, and strong, it's the ideal solution for long-term quality and durability.

Weight: 133 g/m² Thickness/caliper: 299 microns/11.8 mil Whiteness: 12549,15450 Brightness: >99%45, 102%51 Opacity: >96%46,52



- ⁴⁴ Per CIE Ganz 82 Test Method.
- ⁴⁵ Per TAPPI T-452 Test Method.
- ⁴⁶ Per TAPPI T-425 Test Method.
- ⁴⁷ HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See <u>globalbmg.com/hp/</u> ecosolutions) for details.
- ⁴⁸ With HP 83 UV pigment inks. Water resistance testing by HP Image Permanence Lab on a range of HP media and follows ISO 18935 method. For more information, see <u>globalBMG.</u> com/hp/t/printpermanence.
- ⁴⁹ Per ISO 11476 Test Method.
- ⁵⁰ Per ISO 11475 Test Method.
- ⁵¹ Per ISO 2470 Test Method.
- ⁵² Per ISO 2471 Test Method.
- ⁵³ Per ISO 2470-1 Test Method.
- ⁵⁴ Per DIN 53146 Test Method.

HP fine art printing materials



HP Matte Litho-realistic Paper FSC® certified

HP Matte Litho-realistic Paper delivers outstanding results with the look, feel, and longevity of a heavy, matte offset paper. This natural-white paper is ideal for high-quality poster art and other cost-effective art reproductions.

Weight: 265 g/m² Thickness/caliper: 307 microns/12 mil Whiteness: >95⁵⁵ Brightness: >95⁵⁶ Opacity: >98%⁵⁷

HP Universal Matte Canvas

HP Universal Matte Canvas is an economical artist stretch canvas that delivers high quality for price-sensitive applications. See true artistic quality and long-lasting results on the slightly textured, matte surface.

Weight: 350 g/m² Thickness/caliper: 457 microns/18 mil Whiteness: 11758, 12759, 12555 Brightness: 92%60, 101%56 Opacity: >98%61

HP Artist Matte Canvas

HP Artist Matte Canvas has a natural, artistic look and feel for photo enlargements and reproductions. This affordable canvas produces true artistic quality with precise colors on a bright-white, slightly textured matte finish.

Weight: 380 g/m² Thickness/caliper: 380 microns/15 mil Whiteness: 117⁵⁸ Brightness: 97%⁵⁰ Opacity: >99%⁵¹

HP Collector Satin Canvas

HP Collector Satin Canvas offers a larger color gamut ideal for producing long-lasting, museum-quality prints. A more consistent base fabric and a smooth, even brighter white satin finish helps reduce scrap.⁶² A flexible finish resists cracking for easier mounting. And broad laminate compatibility includes water-based liquid laminates.

Weight: 400 g/m² Thickness/caliper: 558 microns/22 mil Whiteness: 105^{58,55}, 107⁵⁹ Brightness: 95%⁶⁰ Opacity: >98%⁶¹

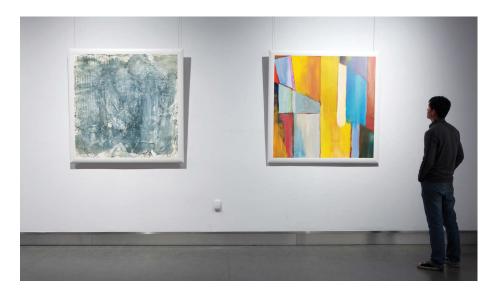
HP Professional Matte Canvas

HP Professional Matte Canvas now offers a more consistent base fabric. Museum-quality, matte-finish prints achieve vivid, accurate color reproduction with a bright white surface and improved color gamut ideal for fine art and photographs.⁶² Long-lasting, water-resistant⁶³ prints preserve your work. A flexible finish resists cracking for easier mounting. And broad laminate compatibility includes water-based liquid laminates.

Weight: 390 g/m² Thickness/caliper: 460 microns/18 mil Whiteness: 133⁵⁸ Brightness: 101⁶⁰ Opacity: >99%⁶¹



- ⁵⁶ Per ISO 2470 Test Method.
- ⁵⁷ Per DIN 53146 Test Method.
- ⁵⁸ Per CIE Ganz 82 Test Method.
- ⁵⁹ Per ISO 11476 Test Method.
- ⁶⁰ Per TAPPI T-452 Test Method.
- ⁶¹ Per TAPPI T-425 Test Method.
- ⁶² Compared to the previous version.
- ⁶³ With Original HP 70 and HP 91 Photo Inks and HP 771 Vivid Photo Inks. Water resistance testing by HP Image Permanence Lab on a range of HP media and follows ISO 18935 method. For more information, see <u>globalBMG.</u> com/hp/t/printpermanance.



How to order HP technical and graphics large format printing materials

Explore the wide range of different types of printing materials, specifically designed to meet the demands of graphics and technical professionals.

Available from 5 Distribution Centers:

Coppell, TX Medley, FL Addison, IL Shippensburg, PA Fontana, CA

Please contact us at:

Customer Service: 1-800-527-2878

Online: www.TSTIMPRESO.com

Email: service@tstimpreso.com

\$ 800-527-2878

We look forward to working with you and providing you with the best possible products, service, and support.

For detailed information on the HP large format printing materials portfolio and to order, visit: www.tstimpreso.com/hp

