

HP HDR250 Scitex Inks

Enhanced versatility with HP Scitex Smart Coat Technology



HP HDR250 Scitex Inks have achieved UL GREENGUARD GOLD Certification.⁶



Generate new business, differentiate your offering with a broad application range. Use these premium, multi-purpose inks to produce quality results at high productivity across flexible and rigid media with excellent ink adhesion on plastics. HP HDR250 Scitex Inks enable HP Scitex Smart Coat Technology, providing exceptional surface durability without compromising on surface flexibility.² Now you can expand your application versatility, gain workflow efficiency, help reduce operational costs.

Versatile; surface durability and flexibility¹

- High-quality results on flexible/rigid media²—robust performance on plastics from PVC to FPP to acrylics, with no compromise on productivity.³
- Improve productivity, help reduce costs with cross-hatch level adhesion⁵ on plastics—no pre-treatment needed.
- See exceptional durability and flexibility¹—and greater versatility—with HP Scitex Smart Coat Technology.
- High physical workflow efficiency—rub resistance¹ helps stacking, shipment, storage; may not need overcoat.

Produce the quality you need at high productivity

- Tuned for HP Scitex High Dynamic Range Printing—see smooth transitions, clear 4-pt text and barcodes.
- Meet proofing standards according to ISO12647-7.⁵

Keep ahead—prints ideal for indoors and outdoors

- For indoor applications—HP HDR250 Scitex Inks are UL GREENGUARD GOLD Certified.⁶
- For health-related evaluation of VOC emissions of indoor building products—these inks meet AgBB criteria.⁷
- For outdoor applications, prints provide up to 24 months outdoor durability.⁸

Ordering information

HP HDR250 Scitex Inks

For use with the HP Scitex 11000 Industrial Press

CP829A	HP HDR250 10-liter Magenta Scitex Ink
CP830A	HP HDR250 10-liter Yellow Scitex Ink
CP831A	HP HDR250 10-liter Black Scitex Ink
CP832A	HP HDR250 10-liter Light Cyan Scitex Ink
CP833A	HP HDR250 10-liter Light Magenta Scitex Ink
CP834A	HP HDR250 10-liter Cyan Scitex Ink

¹ In internal HP testing performed in January 2015, samples of PWell E-Flute corrugated board with Graph+ liner were printed in "Corrugated appearance" on an HP Scitex 11000 Industrial Press using HP HDR250 Scitex Inks with HP Scitex Smart Coat Technology turned ON and were tested within 72 hours of printing. Boards were folded once through 180 degrees to simulate a common finishing stage in printed box production. No cracking of the image layer was observed. Rub resistance was rated greater than 3 when tested in accordance with ASTM D-5264 on a scale of 1 (poor) to 5 (excellent). Cross-hatch level adhesion was obtained in Fast Production, Production, POP Production, HQ POP, and Sample print modes according to D3359-02 ASTM Standard Test Methods for Measuring Adhesion by Tape. Smearing tests demonstrated excellent smear resistance when evaluated by running a one-test cycle using a Taber 5750 Linear Abraser with additional weight of 1350 grams at 25 cycles/minute. When the HP Scitex Smart Coat feature is turned ON, an additional ink layer is printed, resulting in lower throughput and higher ink usage. The impact is print mode and image dependent.

² See media tested with HP HDR250 Scitex Inks at hp.com/go/mediasolutionslocator.

³ See a robust cross-hatch level adhesion at high throughput.

⁴ According to D3359-02 ASTM Standard Test Methods for Measuring Adhesion by Tape. Tested in January, 2015 in Fast Sample, HQ POP, and POP Production print modes.

⁵ Printed in POP Production gloss mode on Ekman GMWM130, 130 g/m², coated media, validated with the Ugra/Fogra media wedge V3 and IDEAlliance Digital Control Strip 2009. Color verified with Caldera's Print Standard Verifier. Tested January, 2015.

⁶ UL GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to UL's GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg or greenguard.org. Tested on prints made on Scrolljet 904 175 g/m² paper, printed at Fast Sample, 80% UV power, 220% ink coverage. Using UL GREENGUARD GOLD Certified inks does not indicate the end product is certified.

⁷ HP HDR250 Scitex Inks meet AgBB criteria for health-related evaluation of VOC emissions of indoor building products. AgBB compliance evaluation was conducted for 28 day test period at UL Environment Inc. labs. For more information, visit umweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building. Tested on prints made on Scrolljet 904 175 g/m² paper, printed at Fast Sample, change 220% UV power, 180% ink coverage. Using inks that meet AgBB criteria does not indicate the end product meets the criteria.

⁸ According to ASTM D2565-99. Tested on 3M self-adhesive vinyl.

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