FORMATO NRO. 4
CONDICIONES OFERTA TÉCNICA

Yo, Juan Carlos Rojas, identificado con cedula de ciudadanía No 79620807, obrando en nombre y representación de Avigraf imagen corporativa R O S en C, me comprometo de manera clara e inequívoca al cumplimiento de los siguientes requisitos técnicos mínimos establecidos en la presente invitación.

Nos comprometemos a cumplir con lo siguiente:

- **PLAZOS:**

1) Plazo de entrega: será de cuatro (4) días calendario, a partir de aprobación de muestra física.
2) Plazo de reposición: será de dos (2) días calendario a partir de reporte del producto no conforme, dado por el supervisor del contrato.
3) Plazo de garantía: será de seis (06) meses. Contados a partir de la entrega del producto.
4) Plazo de ejecución: será de un (1) mes, contado a partir del cumplimiento de los requisitos para dar inicio a la ejecución del contrato.

- **Otros:**

1) Aceptamos y cumpliremos con todas las especificaciones técnicas contenidas en el numeral 1 (Descripción del bien o servicio) de la presente invitación.
2) Entregaremos los productos en las instalaciones de la Imprenta Nacional de Colombia INC.
3) Entregaremos muestra para aprobación por parte de la INC en un plazo no mayor a dos (2) días calendarlo.

- **Aceptamos las siguientes Obligaciones:**

Obligaciones Generales

1) Cumplir cabalmente con el desarrollo del objeto presente contrato de acuerdo con las condiciones técnicas y económicas estipuladas en el requerimiento, la Invitación y la propuesta presentada.
2) Informar de manera inmediata al supervisor del contrato cualquier anomalía que se presente durante la ejecución del mismo.
3) Atender las observaciones que durante el desarrollo del contrato imparta el supervisor designado.
4) Presentar los informes correspondientes para la formalización y legalización de los pagos, así como los que el supervisor del contrato le solicite.
5) Dar cumplimiento a las obligaciones del sistema de seguridad social (salud, pensión y riesgos laborales) así como al SG-SST y demás normas aplicables, presentando los documentos respectivos que acrediten tal situación.
6) Cargar en la plataforma SECOP II la factura generada para cada uno de los cobros de bienes y/o servicios prestados, junto con el soporte de pago de los aportes al Sistema de Seguridad Social y demás declaraciones del contratista para el efecto, y enviar electrónicamente a la entidad contratante, para el inicio del trámite de pago respectivo.
7) Obrar con lealtad y buena fe en las distintas etapas contractuales, evitando dilaciones y retrasos injustificados.
8) Mantener el precio relacionado y propuesto en su oferta, sin variación durante el término de la duración del contrato.

9) Dar cumplimiento a todas aquellas obligaciones inherentes al contrato y necesarias para la correcta ejecución del objeto del mismo.

Obligaciones específicas

1) Entregar el producto contratado con las características técnicas descritas en la invitación.
2) Entrega de muestra para aprobación por parte de la INC en un plazo no mayor a dos (2) días calendarlo.
3) Entregar el producto contratado dentro de un plazo máximo de cuatro (4) días calendario, a partir de aprobación de muestra física.
4) Realizar la reposición de los productos no conformes, para lo cual contará con dos (2) días calendario contados a partir de reporte del producto no conforme, dado por el supervisor del contrato.
5) Entregar el producto en las instalaciones de la Imprenta Nacional de Colombia INC, empacados en bolsa Individual
6) Garantizar la calidad de los bienes entregados durante los seis (6) meses siguientes, contados a partir de la entrega de los productos.
7) Atender los requerimientos que a través del supervisor presente nuestro cliente.

- **EXPERIENCIA EXIGIDA**

Cumplimos con la experiencia exigida en la invitación para lo cual adjuntamos las certificaciones que la acreditan, en los términos solicitados.

- **REQUISITOS AMBIENTALES Y/O SEGURIDAD Y SALUD EN EL TRABAJO A EXIGIR:**

Nos comprometemos a cumplir los siguientes criterios de sostenibilidad ambiental y adjuntamos los siguientes documentos como medio de verificación:

Criterios habilitantes	Medio de Verificación
Existiendo una alternativa de sustitución el fabricante debe utilizar en sus insumos colorantes, pigmentos o tintas que NO contengan mercurio, plomo, cadmio o cromo hexavalente y NO liberen aminas.	El fabricante deberá suministrar declaración del proveedor de las tintas empleadas en el producto respecto al cumplimiento de este requisito
Existiendo una alternativa de sustitución (y si las especificaciones del producto lo permiten) el fabricante debe ofrecer productos impresos con tintas 100% basadas en agua (o con concentración del solvente de máximo 10% del peso total de la fórmula), tintas de secado UV o tintas con base en aceites minerales o aceites vegetales (como el de soya).	El fabricante deberá suministrar declaración del proveedor de las tintas empleadas en el producto respecto al cumplimiento de este requisito
Si el proceso de producción emplea solución de fuente, el fabricante deberá demostrar el buen manejo de la solución y sus residuos, o la sustitución del alcohol isopropílico.	En caso de tener un sustituto del alcohol isopropílico entregar hoja de seguridad del sustituto. O, declaración del fabricante de que su proceso no requiere solución de fuente

El papel utilizado preferiblemente debe haber sido fabricado utilizando un porcentaje de fibras no maderables (subproductos vegetales, papel reciclado) o la fibra de madera para la producción de pulpa que proceda de fuentes forestales sostenibles.	Certificación del Fabricante
El papel utilizado debe ser libre de cloro elemental.	Certificación del Fabricante
El fabricante debe utilizar materiales reciclados o reciclables en Colombia (no se deberá usar poliestireno expandido), para el embalaje de los productos.	Declaración juramentada del Fabricante
Cuando sea plástico el material de embalaje del material impreso, el fabricante deberá utilizar plástico con cierto porcentaje de material reciclado o que pueda ser reciclable.	Declaración juramentada del Fabricante
El fabricante debe contar con programas de uso eficiente de agua y uso racional de energía.	Declaración juramentada del Fabricante
El fabricante hace control y manejo de sus vertimientos, cumpliendo como mínimo los requerimientos de la legislación ambiental colombiana o regional vigente, en caso de que lo genere.	El fabricante debe demostrar permiso de vertimientos o registro según aplique
El fabricante cuenta con programa de gestión integral de residuos (peligrosos, no peligrosos y RAEE's)	Declaración juramentada del Fabricante
El oferente deberá cumplir con la normatividad legal Ambiental vigente en Colombia, los diferentes programas ambientales y de pos consumo establecidos en la Imprenta Nacional de Colombia	Declaración juramentada del oferente

- **Aceptamos el PLAZO DE EJECUCIÓN DEL CONTRATO propuesto por la entidad**

El plazo de ejecución del contrato será de un (1) mes, contado a partir del cumplimiento de los requisitos para dar inicio a la ejecución del contrato.

- **ACUERDOS DE NIVELES DE SERVICIO:**

Aceptamos realizar en caso de incumplimiento de las obligaciones contractuales generará un descuento comercial automático sobre la facturación presentada por el contratista a la Imprenta, de conformidad con el porcentaje establecido en la presente invitación, el cual será del **3%** del valor del contrato suscrito por cada día de retraso en la entrega del bien o servicio contratado.

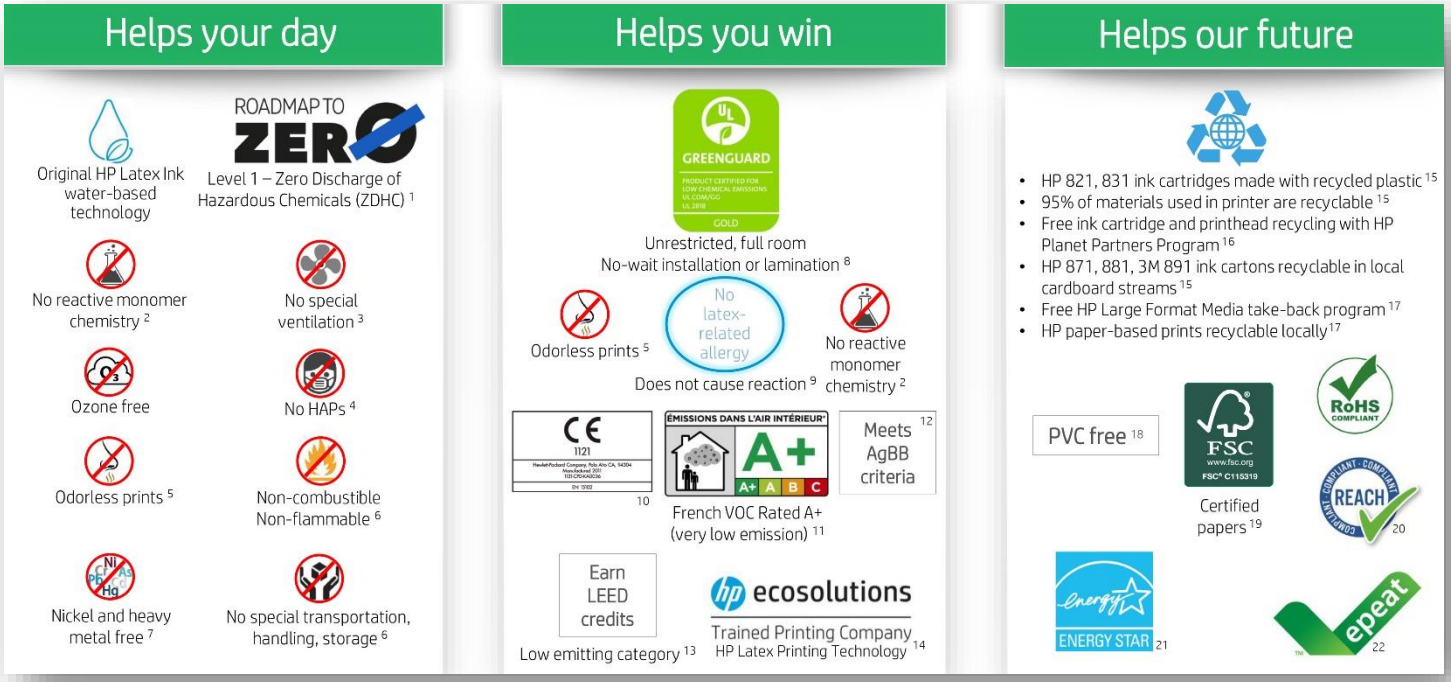
Para constancia se firma el 10 de Agosto del 2023



(Firma)_____
Nombre y apellidos del Representante Legal: Juan Carlos Rojas
C.C. No. 79620807 De Bogotá D.C.

HP 821, 831, 871, 881, and HP 3M 891 Latex Inks used in HP Latex HP 300, 500, 1500, and 3000 series printers

Sustainability overview—environmental labels and certificates



This document provides a description of each of the environmental labels and certificates applicable to HP 821, 831, 871, 881, and HP 3M 891 Latex Inks used in HP Latex HP 300, 500, 1500, and 3000 series printers (sometimes referred to as third-generation HP Latex)

HP Latex Ink technology delivers certifications that matter to your operators, your business, and the environment

Note: Print service providers (PSPs) must seek environmental labels and certificates with certifying bodies[23]

End-to-end sustainability—a better approach

HP is recognized among the 2020 Global 100 Most Sustainable Corporations in the World, and has achieved multiple other sustainability awards year after year.[24] Water-based HP Latex Ink provides an alternative option to eco-solvent, solvent, UV-curable, and UV-gel ink, with a design focused on sustainable impact in the signage, decoration, and textile printing segments. With an end-to-end approach, HP continues to drive a greater sustainable impact in large-format printing with each new generation of HP Latex printing system. HP has the commitment and the scale to address current—as well as anticipated—environmental requirements, and to continue leading the change in signage printing. By working with our partners and customers to closely manage each component of the printing system (printer, inks, printheads, and media), we can design and deliver products that help provide an end-to-end large-format printing solution that's better overall:

- Better for printing companies – Helps your day
    - Enable a more comfortable and welcoming operation
- Better for the end-customer, more differentiation – Helps you win
    - Advantages to access new business
- Better for the environment – Helps our future
    - Aspire to a world without waste

The HP Latex printing system is designed for sustainable impact through printer and cartridge materials, ink chemistry, printer operation/print production, the print itself, print display, and product end of life. This document provides a description of each of the environmental labels and certificates applicable to third-generation HP Latex Inks.

Each environmental label and certificate may apply to specific products—in many cases in specific configurations or under specific circumstances—within the portfolio of HP Latex printers compatible with third-generation HP Latex Inks. For the most current information on environmental labels and certificates, reference the product data sheets available at hp.com/go/latex. The environmental labels and certificates highlighted in this document apply as of June 3, 2020 and are subject to change without notice.

Environmental labels:

Roadmap to Zero Level 1 – Zero Discharge of Hazardous Chemicals (ZDHC)[1] – Demonstrates that HP Latex Inks conform to or meet the standards of the ZDHC Manufacturing Restricted Substances List (ZDHC MRSL) version 1.1, in an effort to reduce textile production impact on the environment. The ZDHC MRSL contains more than 100 chemical substances, such as VOCs, problematic dyes, heavy metals, phthalates, and others which are banned from intentional use during production. ZDHC is an organization dedicated to eliminating hazardous chemicals and implementing sustainable chemicals in the leather, textile, and synthetics sectors. The Roadmap to Zero Program is a multi-stakeholder organization which includes top brands, value chain affiliates, and associates, that work collaboratively to implement responsible chemical management practices. See roadmaptozero.com

UL GREENGUARD GOLD[8] – A prominent, voluntary third-party certification issued by UL and recognized worldwide. UL GREENGUARD Gold Certification to UL 2818 demonstrates that products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage. This certification came about from traditionally high emitting interior decoration items, like paint, carpet, and furniture, which can negatively impact indoor air quality and release strong odors for many weeks or months after installation. UL GREENGUARD Gold Certification indicates that products—including inks, printed substrates, and the combination of both for indoor applications—contribute to healthier indoor environments by minimizing potential exposure to airborne chemicals. See ul.com/gg

There are three levels of UL GREENGUARD Gold Certification for printing ink products based on the amount of printed material that may be installed in a room. HP Latex Inks are certified at the highest level (the lowest emissions), qualified as unrestricted to wallpaper a full room:

- Wallpaper – unrestricted for a full decorated room 33.4 m^2 (360 ft^2) in an office environment and 94.6 m^2 (1,018 ft^2) in a classroom environment
    - HP Latex Inks – qualifies here, with an additional advantage of no-wait time needed from printing to installing or laminating
- Decorative wall – restricted to one wall less than 10.4 m^2 (112 ft^2) in an office environment and less than 31.6 m^2 (340 ft^2) in a classroom environment
- Signage – restricted to a small sign less than 3 m^2 (32 ft^2) in an office environment and less than 11.9 m^2 (128 ft^2) in a classroom environment

While some competing inks also achieve UL GREENGUARD Gold Certification, not all of them reach the highest level of unrestricted to wallpaper a full room, instead they qualify for the restricted levels to decorate only one wall of a room, or a sign in a room.

FSC-certified paper[19] – The HP large format printing materials portfolio includes a wide range of FSC®-certified papers. These papers carry the Forest Stewardship Council® (FSC) Mix label, signifying that these media support the development of responsible forest management worldwide. FSC® Chain of Custody certification enables PSPs to promote finished prints as FSC® certified, allowing consumers to identify and choose products that support the development of responsible forest management worldwide. PSPs must seek certifications directly with FSC.® See fsc.org

Energy Star[21] – A voluntary United States (US) Environmental Protection Agency (EPA) program that certifies products for superior energy efficiency. The mark is broadly recognized, and furthermore, products sold to governments in the US, Taiwan, the EU, Australia/ New Zealand, and Japan must be ENERGY STAR® certified. Select low-volume HP Latex printers are ENERGY STAR® certified. See hp.com/go/ecolabels

Environmental certificates:

CE mark EN 15102[10] – An obligatory product mark for the European Market. The CE marking is intended to facilitate the free movement of goods within the European Economic Area. CE marking to wallcoverings indicates the products comply with not only Construction Products Regulation CPR 305/2011/EU, but also essential requirements of Harmonized Standard EN 15102.

Émissions dans l'air intérieur[11] **–** (French VOC rating) Mandatory labeling for decoration products in France. Provides a statement on the level of emission of volatile substances in indoor air posing health risks if inhaled—on a scale from A+ (very low emission) to C (high emission). Wall decorations printed with HP Latex Inks and HP PVC-free Durable Suede Wall Paper are rated A+ according to Émissions dans l'air intérieur. See anses.fr/en/content/labelling-building-and-decoration-products-respect-voc-emissions

AgBB criteria[12] - HP Latex Inks meet with AgBB criteria. AgBB is a health-related evaluation of building products in Germany. Prints produced with HP Latex Inks on HP PVC-free Durable Suede Wall Paper meet AgBB criteria for health-related evaluation of VOC emissions of indoor building products. See umweltbundesamt.de/sites/default/files/medien/355/dokumente/agbb_evaluation_scheme_2018.pdf

Electronic Product Environmental Assessment Tool (EPEAT)[22] – A voluntary certification that provides a comprehensive environmental rating that helps identify more sustainable electronic components. Qualified products meet rigorous criteria across the complete product lifecycle—from materials restriction to packaging and air quality—in addition to the latest ENERGY STAR® standard. EPEAT registered where applicable and/or supported. Low-volume HP Latex printers are EPEAT Bronze registered. For registration status and rating by country, see epeat.net

Other sustainability programs to help PSPs to better communicate their sustainability printing efforts and create new business opportunities:[23]

Earn LEED credits[13] – USGBC's LEED program (United States Green Building Council's Leadership in Energy and Environmental Design) green building certification program recognizes best-in-class building strategies and practices. Based on low chemical emissions confirmed by UL GREENGUARD Gold Certification, prints produced on HP PVC-free Durable Smooth Wall Paper using HP Latex Inks enable LEED credits in the low emitting category. See usgbc.org/leed

HP Ecosolutions Training[14] – A program for HP Latex printing technology users providing convenient web-based training to help PSPs gain knowledge and provide value to the growing number of clients looking for graphics solutions with reduced environmental impact. See hplatexknowledgecenter.com/blog/hp-ecosolutions-training

HP sustainability resources:

Material Safety Data Sheet (MSDS) – A document relating to occupational safety and health for the use of various substances and products. MSDS information may include instructions for the safe use and potential hazards associated with a particular material or product, along with spill-handling procedures, transportation classification, etc. See hp.com/go/msds

As reported in the MSDS for HP 821, 831, 871, 881, and HP 3M 891 Latex Ink printing supplies:

- **HP Latex Ink water-based technology** – HP Latex Inks contain up to 70% water. Using water-based inks eliminates exposure to high solvent concentrations, and simplifies ventilation, storage, and transportation requirements.
- **No reactive monomer chemistry**[2] – HP Latex Inks are substantially free of reactive monomers. HP performs the chemistry for you prior to you receiving the product. With UV and UV-gel inks, the user must manage the chemistry, that is correctly curing the acrylate monomer with UV light exposure intensity, and time. Uncured acrylates are a known skin hazard with risks of exposure during UV and UV-gel printer maintenance and cleaning or with improperly cured prints.
- **No special ventilation**[3] – No air filtration is required for printer setup and operation. Always refer to the site preparation guide for specific recommendations.
- **Ozone free –** No ground level ozone is generated. Ground level ozone generation is associated with the UV ink curing process when mercury UV lamps are used.
- **No HAPs**[4] – No Hazardous Air Pollutants (HAPs) present. HAPs are those pollutants that are known or suspected to cause cancer or other serious health effects, such as reproductive effects or birth defects, or adverse environmental effects.
- **Odorless prints**[5] – Intensity and hedonic testing indicates weak and neutral odor for HP Latex Ink, while eco-solvent ink is rated as weak and slightly unpleasant, and UV ink is rated as distinct and unpleasant.
- **Non-combustible and non-flammable**[6] – HP Latex Inks have a flashpoint of greater than 110° C (230° F), while the eco-solvent ink flashpoint can be between 60° C and 70 °C (140° F and 158° F).
- **Nickel and heavy metal free**[7] – HP Latex Inks do not contain; not detected in testing are: nickel, arsenic, lead, cadmium, mercury, or chromium, which have historically been found in inks in the analog signage space.

No special transportation, handling, storage[6] – Not a concern for HP Latex Ink due to the low flashpoint. Eco-solvent ink may require special care in some countries.

Does not cause a latex-related allergic reaction[9] – The latex polymer used in HP Latex Inks is not related to natural or synthetic latex, so it does not cause a latex-related allergic reaction.

Use of recycled plastic and recycling program – HP is committed to reducing resources by increasing use of recycled plastics, and helping our customers recycle responsibly by providing many free and convenient ways to return and/or recycle eligible used Original HP ink cartridges, printheads, and HP large format printing materials. See hp.com/go/recycle for details.

The overall attribute of recyclability is a function of many factors that vary in relevance depending on the printed application (including media substrate) and the typical recycling process. HP Latex Inks have been

designed with recyclability in mind, such as avoiding heavy metals. Prints produced with HP Latex Inks are non-hazardous and safe for disposal, and this requirement has been met for all HP Latex Inks and for specific HP large format printing materials. See HP's official *Recycling HP Latex Prints – End of Life Management Statement* for more information.

- **HP 821 and 831 Latex Ink Cartridges made with recycled plastic**[15] – HP 821 and 831 Latex Ink Cartridges contain up to 34% and 39%, respectively, recycled plastic by weight collected via the HP Planet Partners program and other sources.
- **95% of materials used in printer are recyclable**[15] – More than 95% recyclable materials, less than 0.1% landfill by product weight following the Waste Electrical and Electronic Equipment (WEEE) Directive.
- **Free ink cartridge and printhead recycling with the HP Planet Partners program**[16] – Visit hp.com/go/recycle for details as not all supplies are eligible and not all countries participate.
- **HP 871, 881, and HP 3M 891 ink cartons recyclable in local cardboard streams**[15] – Up to 70% by weight, the carton (cardboard) portion of used HP 871, 881, and HP 3M 891 Latex Ink Cartridges can be recycled through local municipal cardboard or mixed paper programs.
- **Free HP Large Format Media take-back program**[17] – A free program for business customers to return signage printed using eligible HP large format printing materials. See hp.com/promo/media/index.html for details.
- **HP paper-based prints recyclable locally**[17] – Printed material on HP branded paper-based substrates can be recycled through commonly available recycling programs.

PVC free[18] – HP Latex Ink is PVC free. Also applicable to HP PVC-free wall papers. Chemical analysis demonstrated elemental chlorine to be at or below 200 ppm. Presence of chlorine is attributed to residual chlorine used in paper-making process, and not due to the presence of PVC. See printos.com/ml/#/medialocator

RoHS – Stands for Restriction of Hazardous Substances. RoHS, also known as Directive 2002/95/EC, originated in the European Union and restricts the use of specific hazardous materials found in electrical and electronic products (known as EEE). All applicable products in the EU market after July 1, 2006 must pass RoHS compliance. See HP's Compliance with Restriction of Hazardous Substances (RoHS) Legislation in the EU and other jurisdictions.

REACH[20] **–** Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) is a regulation of the European Union, adopted to improve the protection of human health and the environment from risks that can be posed by chemicals. Select HP large format printing materials are REACH compliant. As required by REACH, HP makes a declaration regarding substances in HP large format printing materials listed as Substances of Very High Concern (SVHC) in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP Printing Products and Consumables Supplies.

For more HP environmental sustainability details and compliance information, visit hp.com/go/environment and hp.com/go/SCC

1 Zero Discharge of Hazardous Chemicals. Applicable to HP Latex Inks. The ZDHC Roadmap to Zero Level 1 demonstrates that an ink conforms to or meets the standards of the ZDHC Manufacturing Restricted Substances List (ZDHC MRSL) 1.1, a list of chemical substances banned from intentional use during production. ZDHC is an organization dedicated to eliminating hazardous chemicals and implementing sustainable chemicals in the leather, textile, and synthetics sectors. The Roadmap to Zero Program is a multi-stakeholder organization which includes brands, value chain affiliates, and associates, that work collaboratively to implement responsible chemical management practices. See roadmaptozero.com.

2 Printing with HP Latex Inks avoids the problematic reactive monomers associated with UV printing. Acrylate monomers present in uncured UV inks and UV-gel inks can damage skin.
3 Applicable to HP Latex printers. No special ventilation equipment means air filtration systems are not required to meet U.S. OSHA requirements. Condensate collection systems are provided on some models. Special ventilation equipment installation is at the discretion of the customer—see the Site Preparation Guide for details. Customers should consult state and local requirements and regulations.
4 HP Latex Inks were tested for Hazardous Air Pollutants, as defined in the Clean Air Act, per U.S. Environmental Protection Agency Method 311 (testing conducted in 2013) and none were detected.
5 There is a broad set of media with very different odor profiles. Some of the media can affect the odor performance of the final print.
6 Water-based HP Latex Inks are not classified as flammable or combustible liquids under the USDOT or international transportation regulations. Testing per the Pensky-Martens Closed Cup method demonstrated flash point greater than 110° C (230° F).
7 Testing of HP Latex Ink indicates no detectable concentrations of nickel, arsenic, lead, cadmium, and chromium above 0.1 ppm. This data was determined through Microwave Digestion and ICP-MS. Mercury is not detected above 1 ppm as determined by ICP-MS semi-quantitative analysis. Heavy metals are not intentionally added ingredients. Copper is only present in the cyan ink in a bound form as copper phthalocyanine.
8 Applicable to HP Latex Inks. 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. Unrestricted room size—full decorated room, 33.4 m^2 (360 ft^2) in an office environment, 94.6 m^2 (1,018 ft^2) in a classroom environment.
9 The latex polymer in HP Latex Inks is not related to natural or synthetic latex, so it does not cause a latex-related allergic reaction.
10 Applicable to select HP large format printing materials. CE mark EN 15102 is an obligatory product mark for the European Market. The CE marking is intended to facilitate the free movement of goods within the European Economic Area. CE marking to wallcoverings indicates the products comply with not only Construction Products Regulation CPR 305/2011/EU, but also an essential requirement of Harmonized Standard EN 15102.
11 Émissions dans l'air intérieur. Mandatory labeling for decoration products in France. Provides a statement on the level of emission of volatile substances in indoor air posing health risks if inhaled—on a scale from A+ (very low emission) to C (high emission). HP Durable Suede Wall Paper printed with HP Latex Inks was tested by a third-party lab according to the decree no. 2011-321 of March 23, 2011 (VOC regulation) and executive decisions of May 28, 2009 and April 30, 2009 (CMR regulation) of the French Ministry of Ecology, Sustainable Development, Transport, and Housing and was rated A+. See anses.fr/en/content/labelling-building-and-decoration-products-respect-voc-emissions.
12 AgBB criteria. HP PVC-free Durable Suede Wall Paper printed with HP Latex Inks was tested based on the test criteria of the Scheme Health-related Evaluation of Emissions of Volatile Organic Compounds (VVOC, VOC, and SVOC) from Building Products of the Committee for Health-related Evaluation of Building Products (AgBB 2018) and meets the requirements therein. See umweltbundesamt.de/sites/default/files/medien/355/dokumente/agbb_evaluation_scheme_2018.pdf.
13 To obtain US LEED credits based on FSC® certification, the builder must purchase HP PVC-free Durable Smooth Wall Paper printed with HP Latex Inks from an FSC Chain of Custody certified print service provider. To obtain LEED credits based on UL GREENGUARD Gold Certification, HP PVC-free Durable Smooth Wall Paper printed with HP Latex Inks must be part of a wall system in which all components are UL GREENGUARD Gold Certified.
14 Program for HP Latex Printing Technology users provides convenient web-based training to help print service providers gain knowledge and provide value to the growing number of clients looking for graphics solutions with reduced environmental impact. See hplatexknowledgecenter.com/blog/hp-ecosolutions-training.
15 HP 821 and 831 Latex Ink Cartridges contain up to 34% and 39%, respectively, recycled plastic. HP Latex printers contain more than 95% recyclable materials and less than 0.1% landfill by product weight according to criteria set by the European Community Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). With the HP 871, 881, and 3M 891 ink supplies, up to 70% of the weight of the used ink cartridge is a cardboard carton that can be recycled through local municipalities. See hp.com/go/recycle for details.
16 HP 821 and 831 Latex Ink Cartridges and HP 831 and 881 Latex Printheads eligible for recycling. Visit hp.com/go/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your area. Where this program is not available, and for other consumables not included in the program, consult your local waste authorities on appropriate disposal.
17 Most HP large format paper-based printing materials can be recycled through commonly available recycling programs, or according to region-specific practices. Some HP media are eligible for return through the free, convenient HP Large Format Media take-back program. Programs may not exist in your area. See http://www.HPLFMedia.com/ecosolutions for details.
18 HP Latex Ink is PVC-free. For HP PVC-free wall papers, chemical analysis demonstrated elemental chlorine to be at or below 200 ppm. Presence of chlorine is attributed to residual chlorine used in paper-making process, and not due to the presence of PVC.
19 Applicable to select HP large format printing materials. 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.
20 Select HP large format printing materials are REACH compliant. As of the date of this document, HP REACH compliant products do not contain any of the chemicals on the EU's Candidate List for Authorization (otherwise known as Substances of Very High Concern) in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Article 33 Declaration published at hp.com/hpinfo/globalcitizenship/environment/productdata/reachall-products.html.
21 Applicable to select HP Latex printers. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S Environmental Protection Agency. See energystar.gov for certification status by country.
22 Applicable to select HP Latex printers. EPEAT registered where applicable/supported. See epeat.net for registration status by country.
23 Print shops/print service providers must seek environmental labels and certificates directly with certifying bodies. HP does not imply or grant environmental labels or certificates to print shops/print service providers nor does it support individual customer processing of such certifications.
24 HP is recognized as a leader in environmental sustainability and social impact. 2020 Global 100 Most Sustainable Corporations in the World. Annual listing compiled by Corporate Knights, a Canadian-based media and research company. See hp.com/v2/GetDocument.aspx?docname=c06009298.

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June 2020

Product Specification

Sky Colors

SKY NV5034

Description：
Film: 100 micron; glossy PVC film;
Adhesive： Clear permanent adhesive;
Liner： 140gsm white PEK paper with one side PE&Silicon coating;
Width： 1.06/1.27/1.37/1.52m.

Features：
1. Excellent printability and handling;
2. Good dimensional stability after application;
3. Easy application to a wide variety of substrates,especially on PVC foam board surface
4. Superior appearance;

Applications：
Vehicle Wrapping Media; Billboards; Outdoor advertising; Indoor advertising; Promotional purposes; Exhibition.

Printing Method: Solvent ink, Eco-solvent ink and UV.

Technical Data：
Testing condition: Indoor temperature 23±2 ℃ ;Relative humidity 50±5%;Use aluminum, glass, steel plate as the base material for testing

Test Items	Units	Test method	Average value
Thickness PVC	Micron	GB/T6672-2001	100±10
Weight-Liner	g/m²	GB4669-1995	140±10
Weight -finished product	g/m²	GB4669-1995	305±20
Gloss Rate 60°	%	GB8807-88	≥60
Initial Adhesion	N/25mm	FTM 9	≥5
24h, 180°peel	N/25mm	FTM 1	≥8
Dimensional stability MD	mm	FTM 14	≤1.5
Dimensional stability CD	mm	FTM 14	≤1.0
Tensile strength MD	N/25 mm	GB/T1040.1-2006	≥45
Tensile strength CD	N/25 mm	GB/T1040.1-2006	≥35
Construction Temperature	℃		20±10℃
Applicable Temperature	℃		-20 ~ +70

- **All technical data is subject to change without prior notice**

Storage Condition：

All SKY products always need to be stored in the original packing and with the original protection materials, preferably stored hermetically, no more than 6 layers if stored horizontally. Do not expose in direct sunlight or heat sources. Shelf life will be one year with temperature of 25°C ± 5°C and relative humidity of 50 ±15%.

Production and Application Environment：
Production environment: temperature of 25 ± 5 °C, relative humidity of 50%±10%, clean dust-free environment without suspended matter; Please move the materials to the printing environment 24 hours before printing ,printing test before use and remain enough edge margins when printing..

Application environment: temperature of 20±10℃, relative humidity of 50±10%; Pasting on flat, smooth and clean surface without floating dust and shedding; It is necessary to take more than 2 hours for maintenance before laminating

Warranty Condition:
1. One year shelf life: stored in suitable conditions, preferably use within six months.
2. One year prosecution period: from the product manufacture date, no-acceptance for overdue product.

Important Remark:
The information mentioned in this product data sheet is based upon tests that were executed by SKY, and that we consider to be reliable. Environment humidity more than 70% in different district will decrease the printing result.
This SAV product is with permanent glue and have the possibility of residual gum with different substrate and pasting period. Advise to use the same batch product to joint.

ADD:Calle9#27-54-Phone:+57(1)5613594/5609139Cel:+(57)3175039437
Mail:comercial@skycolors.com.co-Web:www.skycolors.com.co
Bogotá D.C. Colombia.

MINISTERIO DEL INTERIOR

NACIONAL

COMUNICAR CON TRANSPARENCIA
ES LA MEJOR IMPRESIÓN

En calidad de quien supervisó órdenes de compra y/o contratos con la empresa Avigraf, se Certifica:

Que la empresa Avigraf Imagen Corporativa identificada con NIT: 900354843-6, ha celebrado contratos con la Imprenta Nacional de Colombia por valor de $200.000.000 desde el año 2016 a la fecha, cuyo objeto ha sido la elaboración de Pendones Roll Up, Pendones Araña, Señalización y Vallas instaladas a Nivel Nacional. Así mismo, actualmente Avigraf no tiene sanciones con la entidad por incumplimiento en los objetos contractuales.

Se expide a solicitud del interesado a los 21 días del mes de abril de 2023.

Jose Javier Gómez García

Análisis del Mercado y Cotizaciones

Jose.gomez@imprenta.gov.co

Tel: 601 457 8000 ext: 2708

Dirección: Carrera 66 # 24-09

www.imprenta.gov.co

MICHELIN
LA MEJOR FORMA DE AVANZAR

Bogotá, Junio 01 de 2021

INDUSTRIA COLOMBIANA DE LLANTAS S.A. – ICOLLLANTAS S.A.
CERTIFICA:

Que la empresa ***AVIGRAF IMAGEN CORPORATIVA R O S en C*** con Nit 900354843-6, sostiene relaciones comerciales con nuestra empresa desde hace tres años, con respecto a la fabricación y montaje de avisos luminosos led para la identificación de los puntos de ventas de nuestra red de distribución; durante este tiempo ha cumplido satisfactoriamente con los compromisos adquiridos con la compañía. El monto de los contratos celebrados con dicha empresa, asciende a Doscientos trece millones de pesos M/Cte. $ 213.000.000.oo

La presente se expide a solicitud del interesado para fines pertinente.

Atentamente,

Industria Colombiana de Llantas S.A.

Luisa Fernanda Vásquez
Coordinadora de Cuentas
Whatsapp: 314 480 9462

IMPRENTA NACIONAL

PROSPERIDAD PARA TODOS

CERTIFICACIÓN DE EXPERIENCIA

La **IMPRENTA NACIONAL DE COLOMBIA** identificada con el N.I.T No 830001113-1 certifica que ha celebrado contratos con la firma **AVIGRAF IMAGEN CORPORATIVA,** identificada con NIT No 900.354.843-6, para el suministro de productos elaborados en gran formato e impresión digital, así: Pendones corrientes; araña y roll up, pasacalles, avisos en poliestireno y acrílico, Backing, habladores, tropezones, rompetráficos, sobres en impresión digital, sky line, y demás productos publicitarios.

Destacándose el particular con estricto cumplimiento, calidad, efectividad e idoneidad en cada ejecución de los diferentes contratos celebrados.

Se expide a solicitud del interesado a los veintiocho (28) días del mes de mayo del año dos mil veintiuno (2021)

Se suscribe,

JOSÉ JAVIER GÓMEZ GARCÍA
Supervisor y analista de investigación de mercados y cotizaciones
Tel: 4578000 Ext. 2708 Cel: 350 808 2802

CERTIFICACION

ETERNIT COLOMBIANA S.A. con NIT. 860.002.302-9 certifica que la empresa AVIGRAF IMAGEN CORPORATIVA R O S en C. identificada con NIT 900.354.843- 6 ha venido prestando el servicio de suministro de avisos, señalización, instalación e impresión digital a nivel nacional desde el mes de abril de 2019 y hasta la fecha.

Durante el tiempo de prestación del servicio, se han distinguido por su honestidad, cumplimiento y responsabilidad.

Se expide la presente certificación a los once (11) días del mes de junio de 2021 a solicitud del interesado.

Cordialmente,

DELIO ALEJANDRO LEON MORENO
Comprador Mantenimiento Colombia