



Labels overview: a guide to understand certifications



For HP Large Format Design & PWXL Plotters

Why this is important?

Ecolabels are voluntary third-party programs that provide a clear and reliable way to identify products that meet high environmental and social standards. Verified by independent organizations, it helps make informed purchasing decisions that support sustainability goals, ensure product quality and enhance corporate responsibility.

Represented as a voluntary method to demonstrate performance relating to environmental concerns, ecolabels can focus on single credentials (e.g., ENERGY Star®) or multiple credentials (e.g., EPEAT®).

Companies seeking certification must meet standards set by the certifying body, verified by independent third-party auditors. According to ISO 14020, there are Type 1 (third-party certified) and Type 2 (self-declared) ecolabels.



Third-party certifications are a good way to show impartiality and transparency. HP delivers certifications that matter through different the aspects of its operations - from the technology of our ink, to hardware, to the final prints.



ENERGY STAR^{®1}



Helps consumers make informed buying decisions by providing information about products' energy efficiency.

All our current HP Large Format Design & PWXL portfolio is ENERGY Star certified.

ENERGY STAR[®] is a voluntary government program backed by EPA that provides unbiased information to organizations and consumers about cost-effective, energy-efficient products, practices, and services. For more than 20 years, EPA's ENERGY STAR[®] program has been America's resource for saving energy and protecting the environment.

In 2021, HP was recognized for its continued commitment to delivering product energy efficiency for 4th year in a row by Energy Star and was named ENERGY STAR Partner of the Year. HP also received the ENERGY STAR Partner of the Year Sustained Excellence award in the Product Brand Owner category for the 2nd year.

This "Sustained Excellence" designation is a recognition of HP's ongoing commitment to improving the energy efficiency of its products.

NOTE:

Energy Star: Listed in ENERGY STAR global product list of certified products at <https://www.energystar.gov/productfinder/>

Hardware product



EPEAT® registered²

Helps purchasers in the public and private sectors evaluate, compare, and select IT products based on a variety of environmental & social attributes.

As a Type 1 ecolabel managed by the Global Electronics Council, EPEAT® (Electronic Product Environmental Assessment Tool) is a well-recognized ecolabel evaluating products on multiple sustainability criteria across the complete product lifecycle. Criteria like material selection, product longevity, and end-of-life management.

The criteria is categorized under EPEAT® Gold, Silver and Bronze.

Meets all required criteria plus at least 75% of the optional criteria



Meets all required criteria plus at least 50% of the optional criteria



Meets all required criteria



The time is now for EPEAT® Climate +

Now as part of EPEAT registration, our Large Format printers also meet the EPEAT Climate+ criteria, addressing additional environmental aspects like greenhouse gas emissions

Products with the EPEAT Climate+ designation are independently verified against EPEAT's science-based criteria for climate change mitigation, alongside existing EPEAT criteria on climate, circularity, reduction of chemicals of concern, and responsible supply chains.

EPEAT Climate+ helps purchasers quickly identify technology products designed with climate change mitigation in mind. Products meeting these criteria are ideal for organizations aiming to achieve climate impact goals in their procurement. Developed through a balanced, multi-stakeholder process, these criteria ensure products and companies adhere to industry best practices in decarbonization.

Note:

EPEAT® must be registered in the country of use.

EPEAT: Listed in [EPEAT global product list](https://www.epeat.net/search-imaging-equipment) at <https://www.epeat.net/search-imaging-equipment>



UL ECOLOGO® Certification³

HP inks certified with UL ECOLOGO® meet stringent health and environmental criteria for reduced environmental impact with certified sustainability.¹

Certification UL ECOLOGO® is a prominent, voluntary certification issued by UL Solutions and recognized worldwide. UL ECOLOGO® certification demonstrates that an ink meets a range of stringent multi-attribute, lifecycle-based criteria related to human health and the environment.

The standard criteria include:

- Being free of concentrated hazardous substances including heavy metals and solvents
- Requirements for low VOC content levels
- Sustainable ink packaging and labeling, including product recyclability.

Learn more at UL.com/EL



Attention:

UL Ecologo and UL Greenguard Gold are two different certification from the same party. Their logos are similar, but criteria are very different!

UL GREENGUARD Gold Certification⁵

HP Latex Ink achieves GREENGUARD Gold certification at the unrestricted level, an internationally renowned 3rd party certification program.

This certification proves that a product has very low emissions into indoor air— even at full room coverage— and can be used in sensitive environments such as schools and hospitals.

This provides new opportunities for print providers who want to explore these markets



Final Print



Paper-based media & Packaging

Forests and biodiversity

Why this is important?

Nearly 50% of global forests are under threat from deforestation and forest degradation. According to Global Forest Watch, the tropics lost more than 29 million acres of tree cover in 2019 alone, equivalent to nearly 30 soccer fields' worth of trees every minute. We all need to take urgent action to help address this pressing issue.

Healthy forests are crucial in maintaining biodiverse ecosystems. When forests are lost, habitats are lost, affecting the delicate symbiotic relationships between plants and animals in the rich forest ecosystem. At the same time, when biodiversity is threatened, the health of the forest is threatened, meaning trees struggle to be the carbon sinks we so desperately need. We all need to take urgent action to help address this pressing issue.

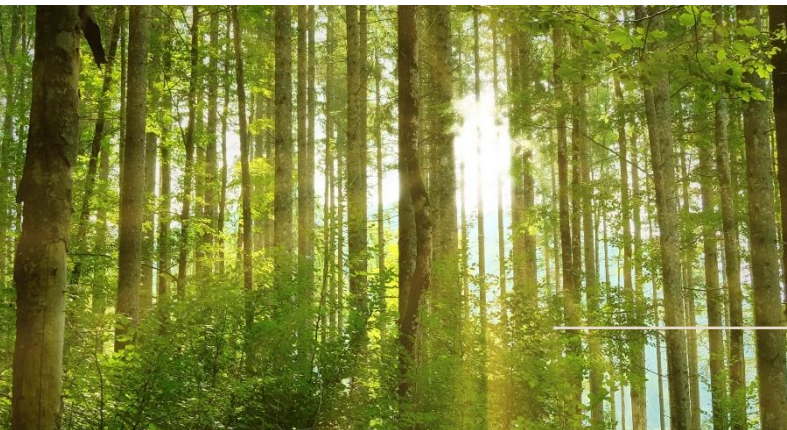
Paper and packaging contain forest products made from trees.

Deforestation

is a major global issue that contributes to climate change and biodiversity loss. IT suppliers should have a strong commitment to responsible forestry to ensure the future of both healthy, thriving forests and your investment in print products and services.

FSC®⁶

By requiring all paper products to be certified to Forest Stewardship Council® (FSC®), you ensure they are coming from responsibly managed forests. FSC® is the gold standard in forest management. It is an ecolabel applied to wood-based products and FSC-certification indicates that they are sourced from well-managed forests. It assures that biodiversity, people's land rights, and the health and regenerative abilities of plant and animal species are protected. Such forests support the livelihoods of local communities and give them reasons to keep forests standing instead of developing the land for other uses.



Not to confuse with governmental regulations.

Environmental certifications and governmental regulations are two different ways to address environmental issues and have some key differences.



While environmental certifications are voluntary, governmental regulations are compulsory as they are laws or rules enforced by a government agency. Compliance with governmental regulations is mandatory and non-compliance can result in fines, penalties, or legal action. Sometimes those regulations are called “minimum criteria.”

RoHS

The RoHS Directive aims to prevent the risks posed to human health and the environment related to the management of electronic and electrical waste. It does this by restricting the use of certain hazardous substances in EEE that can be substituted by safer alternatives. These restricted substances include heavy metals, flame retardants or plasticizers.



REACH
Compliant

REACH

This key EU legislation on chemicals aims to improve the protection of human health and the environment, promote alternative methods to animal testing as well as ensure the free circulation of substances in the internal market while enhancing innovation and competitiveness of the EU chemicals industry.

French “Emissions dans l’air interieur” benchmarks⁷

Framework for assessing indoor VOC emissions from interior applications including e.g., latex-based wallpapers.



A guide to buying with sustainability in mind

The use of independent ecolabels allows purchasers to make informed decisions. When purchasing IT services and products, compare sustainability attributes using ecolabels: first, check if the product qualifies for a leading multi-attribute ecolabel. Next, see if it meets a higher tier, such as EPEAT Gold.



	UL Ecologo	EPEAT	Energy Start	FSC	UL GGG	AgBB	French Emissions
	Ink	HW	HW	Paper-based	Final app	Final app	Final app
Material Selection	✓	✓	✓	✓	✓	✓	✓
Design for End of Life	✓	✓	✓	✓			
Product Longevity		✓					
Energy Efficiency	✓	✓	✓				
Corporate Performance	✓	✓		✓			
Packaging	✓	✓		✓			
Air Quality (VOCs)	✓	✓			✓	✓	✓

Footnotes:

¹Applicable to select HP printers. ENERGY STAR® mark are registered trademarks owned by U.S Environmental Protection Agency. See energystar.gov for certification status by country.

²Applicable to select HP printers. EPEAT registered where applicable/supported. See epeat.net for registration status by country.

³UL ECOLOGO® Certified HP 712, 864, 865, 865, 886, 867, 869, and 870 L PageWide XL Inks meet a range of stringent human health and environmental considerations. For certifications, see www.ul.com/EL and www.ul.com/gg.

⁴Verified as of the publishing date in September 2023. For more details, please refer to the UL Ecologo® database at <https://spot.ul.com/main-app/products/catalog/>

⁵Applicable 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. Unrestricted room size—full decorated room; 33.4 m2 (360 ft2) in an office environment; 94.6 m2 (1,018 ft2) in a classroom environment. For more information, visit www.ul.com/gg or www.greenguard.org. For certifications, see www.greenguard.org.

⁶Applicable 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.

⁷Émissions dans l'air intérieur 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 Wallpaper are rated A+ according to Émissions dans l'air intérieur. See anses.fr/en/content/labelling-building-and-decoration-products-respect-voc-emissions

