



**Active Kure**

UV COATING

*Coatings for the graphic industry*

# ACTIVE KURE

## Coatings for the graphic industry

Active Kure is the range of coatings for UV application of graphic industry. It represents the result of a collaboration between Renner Italia and Printgraph.

Created by Renner Italia laboratories to meet the needs of printers, Active Kure range provides hi-tech products suitable for any application.

<b>Offset UV</b>	coatings suitable for offset printing with excellent adhesion and resistance
<b>Serigrafia UV</b>	specific products for screen printing, with tactile and visual effects
<b>Flexo UV</b>	flexographic printing solutions, ideal for labels and packaging
<b>Digital UV</b>	coatings compatible with major digital printing technologies
<b>Led UV</b>	specific coatings for polymerization with LED lamps

Active Kure coatings are designed to protect and enhance all printable materials

- *Cellulosics*: glossy and matt coated paper, natural and hand-use paper, stretched and coated cardboard, recycled and corrugated cardboard, parchment, embossed paper, and metallic paper.
- *Plastics and synthetics*: rigid and adhesive pvc, glossy and matt polypropylene, transparent or white polyethylene-terephthalate, corona-treated polyethylene, polyester, polycarbonate, polystyrene
- *Specials*: barrier film (for food packaging), shrink sleeve film (shrink wrap), adhesive materials (labels), protected thermal paper (UV pre-coated for transfer printing), coated technical fabrics, plastic laminates











# VALUABLE SURFACES

**The smart choice for printers:  
advanced topcoats,  
extra resistances, reduced  
times, sustainable formulas**

## **High glossy or absolute matt**

ACTIVE KURE finishes meet the most demanding standards of the graphic industry and are designed for uncompromising aesthetic personalization. High gloss enhances printing with deep, glossy effects, capable of improving colors, contrasts, and details, which are particularly in demand in luxury visual communication. Absolute opacity, on the other hand, allows for perfectly matte, reflection-free surfaces that are elegant and modern. These surfaces are ideal for applications requiring visual sobriety, increased readability, or soft-touch perception. In both cases, high surface uniformity and stable performance over time offer competitive advantages to industrial print manufacturers.

## **Post-curing non-yellowing technology**

At Renner Italia, we believe that color stability over time is essential. Post-curing yellowing is a phenomenon that manifests as color alteration or loss of gloss due to oxidative processes or degradation of residual photoinitiators. On the other hand, ACTIVE KURE formulations employ photoinitiating systems with low secondary reactivity and next-generation stabilizing additives. These formulations prevent progressive yellowing while maintaining the visual and functional integrity of the printed matter. This is a strategic advantage for sectors with high aesthetic and quality requirements, such as luxury packaging and premium labels, where even minimal color variations must be avoided.



## Resistance to scratches, abrasions and chemical agents

Renner Italia UV coatings are designed to ensure the durability and integrity of printed products under harsh usage conditions. Thanks to advanced formulations, surface resistance is achieved by generating a high-density, cross-linked film that can effectively resist mechanical stress and the action of commonly used aggressive substances, such as alcohols and detergents, once cured. This performance is highly valued in the industrial, food, and cosmetic label sectors, where substrate resistance is essential throughout the supply chain and end-use environment. Active Kure coatings preserve the aesthetics of printed materials and significantly increase their useful life. This combination of beauty and functionality makes this a strategic choice for any printer looking to improve their products' quality.

## Instant polymerization

Immediate curing of coatings through ultraviolet exposure enables faster production systems and reduces waiting times between processing steps. This results in higher productivity and more efficient responses to market needs. Additionally, the rapid curing of coatings prevents unwanted ink diffusion or absorption, ensuring sharp, detailed prints. This method is especially recommended for applications requiring high precision on high-end labels and materials.

## Benzophenone-free

Active Kure formulas are benzophenone-free, meeting the highest safety and sustainability standards required by the contemporary printing industry - particularly in the food, cosmetics, pharmaceutical, and sensitive label sectors. The absence of benzophenone, a photoinitiator traditionally used in UV systems but subject to increasing regulatory restrictions due to its potential toxicological impact, makes Active Kure coatings safe for operators and suitable for regulated environments, and they are compliant with European and international directives on migration and contamination. Choosing Active Kure coatings is a responsible choice that anticipates market demands for low-impact, high-responsibility solutions.

# TAILOR-MADE COATINGS

## Customization

## and tailor-made assistance

Active Kure's strength lies in its ability to customize coating properties to meet the printer's specific needs. This ensures that each partner can exploit the full potential of high-tech coatings.

The extensive technical and sales support network of Printgraph, the Italian national distributor of the Active Kure range, provides graphic contractors with numerous advantages.



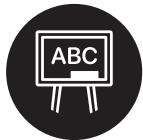
### Rapid sampling

The provision of samples in a timely manner is essential for efficient testing and approvals.



### Dedicated technical support

Printgraph experts work with on-site printers to understand their needs, act as a liaison with Renner labs, translate those needs into formulas, and optimize results.



### Ongoing training

Printgraph and Renner Italia take care of printers by organizing training sessions that teach optimal product use and provide updates on industry news and trends.



### Fast deliveries

The most efficient logistics network for always on-time deliveries.





# RENNER ITALIA

Renner Italia produces high-tech coatings for graphics, wood, plastic, PVC, metal, and glass. The company has 400 employees and a 98,000-square-meter production plant in Minerbio, Bologna. In 2024, it reported revenues of 183 million euros. Seventy-eight researchers work in Renner Italia's laboratories, formulating four new products every day. Thanks to the Renner Global Alliance, coatings made in Italy are distributed in 68 countries.

[Learn more on www.renneritalia.com](http://www.renneritalia.com)

# PRINTGRAPH

Printgraph is a historical landmark in Italy's graphic arts industry. Founded in 1961 by Elia Levi Acobas, the company is currently led by his son, Roberto. Printgraph has a long tradition in the industry and offers innovative, unique products. Based in Settimo Milanese, Printgraph has evolved over time by expanding its products and services to meet the needs of the graphic arts and printing market.

[Learn more on www.printgraph.it](http://www.printgraph.it)





Via Galvani, 25 - 20019 Settimo Milanese (MI) Italia  
T. +39 02 328 8121  
[www.printgraph.it](http://www.printgraph.it) - [info@printgraph.it](mailto:info@printgraph.it)



Via Ronchi Inferiore, 34 - 40061 Minerbio (BO) Italia  
T. +39 051 6618 211 F. +39 051 6606 312  
[www.renneritalia.com](http://www.renneritalia.com) - [info@renneritalia.com](mailto:info@renneritalia.com)