

Series

# G&V

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Type: solvent

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Printing process: screen printing

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Ink type: one-component

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Finish: satin

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Materials: Coated paper

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Removable screen printing ink, used to mask or to make invisible the light and printed symbols.

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Main features:

Depending on the application, two types of G&V ink are recommended:

- a) for paper
- b) for UV bases

## G&V FOR PAPER

Easily removable with hard objects, such as coins or nails, without the formation of unwanted dust.

Excellent printability.  
Excellent coverage.

The G&V series for paper is used for applications on paper suitable for printing scratch cards, which are coated papers without porosity or "absorbent paper" effect.

If used on blotting paper, removal may be compromised.

Offset or lithographic inks, normally used for prize competitions or other, must be perfectly dried.  
Make preventive suitability tests before production.  
Removability tests must be performed at least one week after printing.

Best results are obtained by heating the print in a muffle for at least 48 hours at 50°C and then carry out the removal test.

If necessary, to facilitate removal, add the LUB ADDITIVE to the ink.  
For a good coverage it is recommended to use a screen printing cliché, at least 90.48 threads.

## G&V FOR UV BASES

Easily removable with hard objects, such as coins or nails, without the formation of unwanted dust.

Excellent printability.  
Excellent coverage.

The G&V series for UV bases is used for applications on paper protected by a UV screen printing (UVA 170/01), offset, lithographic, which confers and guarantees easy removal.  
The transparent base UVA 170/01 must be printed with a screen printing cliché whose ink passage must be calculated according to the absorption of the paper not less than 120.34 threads max 77.55.  
Not suitable for direct printing on porous or "absorbent" effect paper.  
If necessary, to facilitate removal, add the LUB ADDITIVE to the ink.  
For good coverage, recommend using a screen printing cliché, at least 90.48 threads.

Make preventive suitability tests before production.  
Removability tests must be performed at least one week after printing.

Best results are obtained by heating the print in a muffle for at least 48 hours at 50°C and then carry out the removal test.

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Certifications: CLP/GHS (EC 1272/2008), Conflict minerals free, EN 71-3, Reach (EC 1907/2006), RoHS

The EN 71:3 Directive is valid for standard shades of one component inks, two component inks, Ink system and Process colors, HD shades and for all not standard shades which do not contain metallic shades, metallic pastes or fluorescent pigments or inks.

In order to clarify any doubt on not standard shades, it is always recommended to provide us a specific request.

Eco-sustainability (free of): Alogens, Animal origin ingredients, Azo dyes, Bisphenol A (BPA), Cyclohexanone, Formaldehyde, G-B Ester, Latex, Melamine, Persistent organic pollutants, Phthalates (listed in RoHS directive)

Note: shades in the fluorescent color chart contain formaldehyde.

Note: all our inks are formulated with non carcinogenic aromatic naphthas as the benzene content is below than 0.1% by weight.

IPA contamination are also possibile but always below the limit of 1000 ppm.

Outdoor resistance (years): 1

Not suitable for prints that need to be exposed outdoors.

Drying process: 15 minutes at room temperature

30 seconds at 30-35° C.

15-20 minutes at room temperature.

Mechanical and chemical solidity:

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Easy removal and good oxidation stability.

Colours range: METALLIZZATI

601/75	601/79								

Silver 601/79

Gold 601/75

Transparent base UVA 170/01

Auxiliaries and additives:

601-DM medium thinner	15%	
M 2000/S conc. levelling agent	0,4%	
LUB additive	2%	(if necessary)
NPT matting powder	2%	6% max

Ink removal:

DACS solvent

Lavaggio telai solvent

Aprimaglia Spray

STORAGE:

Please keep the cans in a dark place, at temperature of 15-25°C.

If the recommended temperature is higher than the suggested one or the cans are not completely closed, the shelf life and the qualities are drastically reduced.

CLASSIFICATION:

Before using this ink, consult the relevant safety data sheets available.

The safety data sheets provided comply with the REACH regulation (EC 1907/2006).

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The hazard classification and related labelling are compliant with the CLP / GHS regulation (EC 1272/2008).

**OTHER INFORMATION:**

For more information on SERICOM ITALIA srl products, refer to the website [www.sericom.it](http://www.sericom.it)

**NOTE:**

Our technical consultancy activity, carried out orally, in writing or through tests or experiments, takes place on the basis of our best knowledge.

However, the same must be considered as information without any binding value, also as regards any third party industrial property rights.

This does not exempt the customer from performing his own checks on the products supplied by us in order to estimate the suitability or otherwise of the procedures and for the purposes intended.

The application, use and transformation of the products take place outside our control possibilities and therefore fall under the exclusive responsibility of the customer.