



Rigid UV-LED digital ink, designed for a wide range of rigid substrates and to obtain an incredibly high scratch fastness. The RG-E range of products is compatible with EPSON printheads technology and similar ones*. It is a *no-smell* UV-LED ink.

Key features & substrates:

- Superb adhesion
- No smell on the finished product
- Suitable for rigid PC/PE/PET/PVC, up to glass, stone and wood
- Optimal scratch fastness
- Long term outdoor resistance to UV colour fading

***Note:**

It is recommended to check the print-heads models and the corresponding viscosity.

Application fields:

- Indoor decoration
- Outdoor decoration
- Signs and displays
- Rigid packaging
- Industrial decoration

Operating parameters:

- Shake before use
- White colour: if not printing regularly, print from time to time in order to allow ink circulating unless hardware is specifically equipped for that
- Temperature: 20-25°C
- Humidity: 40%-60% optimal condition

Drying and Curing:

- UV RG-E has been formulated to cure with the standard UV-LED lamps available on printers as well as conventional UV sources
- Curing speed is directly related to the UV source, UV power, age, ink film thickness, colour shade etc.

Colour range and Auxiliaries:

29	yellow
49	magenta
59	cyan
80	black
57	light cyan
47	light magenta
10	white

01	transparent glossy varnish
90	foil adhesive

	UV cleaner
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Promoter of adhesion:

Should you need to significantly improve adhesion on specific critical substrates, we have available primer solutions for spraying and for screen-printing.

Please, contact customer care for selecting the most suitable solutions for your needs.

**Fastness Chart:**

MASTERJET® UV RG-E	Light fastness (EN ISO 105B02)
yellow 29	6-7
light magenta 47	6-7
magenta 49	6-7
light cyan 57	6-7
cyan 59	6-7
black 80	8
white	n.a.
transparent glossy varnish	n.a.
foil adhesive	n.a.

Ink changeover:

MASTERJET □ UV series are engineered to replace OEM inks directly. However, if a bulk system is in place, we recommend to wait until it is empty, to dispose the remaining ink and to thoroughly clean the tanks with our cleaning fluid prior changing over.

Our technical service will always clarify any specific questions

Handling and safety rules:

Operating staff shall take utmost care when working with UV inks. Should ink come in contact with skin, wipe ink off with a clean, dry cloth. Then, wash the af-

ected area with water and soap. (*do not use solvents!*).

Please, refer to Safety Data Sheet for further instructions and warnings.

Shelf-life and storage:

Shelf life is strictly related to storage conditions. It is strongly recommended to store:

- ink in original closed containers
- At 15-25°C
- At above mentioned temperature viscosity will be 5 — 8 Pas (or cP)
- In a dark, dry room
- Away from heat and flames

Under above mentioned conditions shelf-life will be:

12 months for all colours

Packing:

Black plastic bottles: 1 L

NOTE

Our technical advice whether spoken, written or through test trials corresponds to our current knowledge and provides information about our products and use. ENGLER ITALIA cannot, however, guarantee the finished results because ENGLER ITALIA exercises no control over those factors which may determine the use and application of the product at the user's headquarter.

Unless specifically agreed in writing, ENGLER ITALIA is not, therefore, liable for any loss or damage deriving from an unauthorized use of the product.

The selection and testing of the product is exclusively user's responsibility. Should any liability claim arise, they shall be limited to the value of goods delivered by ENGLER ITALIA and utilised by user with respect to any and all damages not caused intentionally or by gross negligence