



Rigid UV-LED digital ink, designed for a wide range of rigid substrates. The RG-R range of inks is compatible with the most popular printheads\* technology generally employed on UV LED printers like: Ricoh 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, glass, wood and metal
- Optimal rubbing fastness
- High light fastness

**\*Note:**

*It is recommended to contact our technical service and check the print-heads model*

### **Application fields:**

- Indoor decoration
- Outdoor decoration
- Signs
- 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-R has been formulated to cure with the standard UV-LED lamps (395nm) available on printers as well as conventional UV sources
- Curing speed is directly related to the UV LED source, UV LED 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

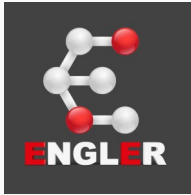
01	varnish
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	cleaner
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### **Promoter of adhesion:**

Should you need to significantly improve adhesion on specific critical substrates, we have available primer solutions for several technologies

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

**Fastness chart:**

MASTERJET® UV RG-R	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 10	n.a.
Varnish 01	n.a.

**INK SET-UP:**

It is recommended to load MASTERJET® UV RG-R in a completely empty and clean container.

Remove any previous residual ink, clean thoroughly with the cleaner of the previous ink before loading MASTERJET®

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 affected 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 19 — 22 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 KG

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.

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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