

# LAMINATION UV/LED

## Laminating glues



### CHARACTERISTICS

The laminating glues are a range of LED and UV adhesives (radical or cationic) for any varnishing machine.

### PROPERTIES

- ❖ These glues can be applied wet-on-wet, but preferably wet-on-dry on UV inks. On top of these laminating glues, apply the transparent laminating foil, before the curing.

<i>Article</i>	<i>Viscosity 21°C/DIN 4mm</i>	<i>Cure</i>	<i>Properties</i>	
			<i>Chemistry</i>	<i>Application</i>
UV7000 - Standard laminating adhesive	120 – 150 sec	Medium	Radical	Flexo
UV7001 - Standard laminating adhesive	80 – 120 sec	Medium	Radical	Flexo
UV7003 - Low migration laminating adhesive	80 – 120 sec	Medium	Radical	Flexo
UV7004 - Low migration laminating adhesive	120 – 150 sec	Medium	Radical	Flexo
UV7005 - Hotmelt Adhesive	tixotropic	Medium	Radical	Screen
UV7015 - Standard Cationic	80 – 120 sec	Fast	Cationic	Flexo
LE7000 – Standard LED	120 – 150 sec	Medium	Radical	Flexo
LE7001 – Standard LED	80 – 120 sec	Medium	Radical	Flexo
LE7007 – Low Migration LED	150 – 200 sec	Medium	Radical	Flexo

### TYPES

- ❖ Cationic chemistry, UV drying
- ❖ Radical chemistry, UV and LED-drying

### APPLICATION AREA

- ❖ Varnishing machines / coaters / flexo
- ❖ Letterpress

### SUITABLE SUBSTRATES (min. surface tension 38 dynes/cm)

- ❖ All kinds of paper and board
- ❖ Corona treated PE-films
- ❖ Various films and foils
- ❖ All laminates need to be tested

This information is only meant for your guidance, we urge you to test our inks and products for your application before commencing production.

For further information:

GeKa Coatings – Clemence Dosschestraat 17 – 9800 Deinze – T: +32 9 383 88 19 - Mail : [info@gekacoatings.com](mailto:info@gekacoatings.com)

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### REMARKS

- ❖ Both EPDM and nitrile rollers are suitable when using our laminating glues.
- ❖ Shelf life: all laminating glues have a 12-month shelf life guarantee. This guarantee covers 12 months from the date of manufacture (which is mentioned on the label). In order to give this guarantee, certain recommendations must be followed: laminating glues should be kept on stock at temperatures between 15 – 20°C and they should not be exposed to direct sunlight. If possible, store the glues in a dark room.
- ❖ Additional corona treatment to the laminate can only be an advantage.
- ❖ Stir well before use.

### PACKAGING

- ❖ 10 kg jerry cans
- ❖ 25 kg jerry cans ❖ 220 kg barrels

### ADDITIVES

- ❖ Wash-up solution for manual washing UV0009 for automatic washing UV0002 ❖ Photoinitiator radical systems UV0011
- ❖ Thinner UV0018

### RECOMMENDED TREATMENT LEVELS

	PE	PP	PVC	PET	PS	PVDC	PU	ABS	PTFE	Silicone	Min.:	42	42	42	44	42	44	42	42	42	42
Max.:	54		54		54		62		54		52		56		56		56		56		56

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