

LABITEX UV L52575 LM LAMINATING ADHESIVE

Product description:

UV adhesive for lamination without permanent stickiness for curing through a transparent film. Designed for pressing processed transparent polypropylene film to processed or metallized polypropylene film or coated paper. Other transparencies may also be used. A fully cured adhesive film has a low odor or does not smell at all, and also does not turn yellow when exposed to ultraviolet radiation.

Physical characteristics:

Flash point:	> 100°C
Solid content:	100% VOC-free
Viscosity (25°C):	425±40 cps
Gloss (60°):	No
Slip angle:	No
Curing speed:	80 m/min at 120 W/cm (laboratory conditions)

Special material properties:

- ✓ Low odor
- ✓ Yellowing film resistance

Substrate:

Paper	***	*** - Perfect suitable
Cardboard	x	** - Suitable
Non-absorbent substrates ¹	x	* - Tests recommended
Treated non-absorbent substrates ¹	***	x - Not suitable

¹Label paper, laminated cardboard and synthetic substrates (PP, PE, PVC, OPP and etc.)

Application:

Equipment: Adhesive is suitable for most types of flexographic equipment. The amount of glue applied should be sufficient for bonding the laminates and is selected depending on the specific job.

Machine mode: All machine components, including shafts and hoses, must be adapted to work with UV polymerization materials. The print speed and UV drying intensity should ensure complete drying of the surface of the material.

Suitability of the UV coating for different UV curing dryers:

Hg ¹	O ₃ -free ²	Fe	Ga	LE-UV ³	LED 365	LED 395 ⁴
Yes						

¹ - Standard medium pressure mercury UV lamp.

² - Ozone-free mercury UV lamp.

³ - Iron doped Ozone-free, like H-UV etc.

⁴ - Including LED-UV dryers with wave lengths 385 and 405 nm.

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STIR WELL BEFORE USE!

Shelf life 6 months at a storage temperature of not more than 400°C. Keep away from direct sunlight.

Like all UV materials, LABITEX UV L52575 LM LAMINATING ADHESIVE can cause discoloration of pigments that are not resistant to alkali. Alkali-resistant pigments are recommended.

Prior tests are recommended before any commercial work.

The information contained herein is based on our knowledge, true and correct. Any recommendations are made without guarantee, as the conditions of use are beyond our control. Our technical department may be contacted for further information.