

Technical Data Sheet

WESSCO® LM 27.501.05 UV Coating Gloss Classic

UV high-gloss coating for finishing of printed products. Suitable for laminated tubes. For Flexo unit

Product Description

UV curing under atmospheric conditions.
Low migration, suitable for the outside of food and other sensitive packaging, in compliance with legal requirements and guidelines (GMP).

General Information	
Product Type	Coatings
Product Technology	UV curing
Field Of Application	Flexible Packaging, Plastic Tubes, Food indirect
Properties	Chemical resistance, Water Resistance
Optic	Glossy

Properties

Reactivity
Slip Surface Smoothness



Product Characteristics			
Viscosity	• ~50 s + / - 5s (DIN 4 at 23°C)		
Hot Foil Stamping	No	Glueability	No
Anti Penetration	No		

Substrate Recommendation

- Foil laminated substrate

Application Method

- Stir well before use! Mechanical stirring is recommended.
- The property profile of the coating film is given in case of a complete curing. The curing depends on the efficiency of lamps, life of UV lamps, machinery speed, general conditions of the UV unit (reflectors, etc.), temperature and the distance from the UV unit to the substrate. We recommend to clean regularly the reflectors and - if necessary - to change the lamps in case of a drop in lamp efficiency.
- A strong absorption on absorbent surfaces can cause an insufficient curing of the UV varnish, sensory problems, mechanical influence as well as rub resistance problems and poor slip properties.
- The printing inks should be suitable for coating. The resistance against alkali, alcohol and solvents should be given in accordance to DIN ISO 2836, former DIN 16524, to exclude any colour change.
- The total structure of substrate/printing ink/varnish must be cured/dried sufficiently before processing and should be checked during the process.
- The increase of the slip angle can't be excluded in case of temperature and humidity. Storage tests are necessary.
- Flexo

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Storage Instructions

- Protect from frost, heat and sun exposure
- Shelf-life 12 months
- Storage at temperatur between 5°C and 35°C

Cleaning Instructions

- Please clean machine and tools immediately with alcohol. Dried film clean up with TERRAGLOSS CLEAN Cleaning Agent G 13/160.
- Tubes should be free of water, varnish and cleaning agent, otherwise the UV varnish can thicken.
- Ethanol
- Ethylacetate

Regulatory Compliance

- Disclaimer: For regulatory compliances please reach out to your responsible ACTEGA contact person.
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Disclaimer

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