Technical Data Sheet

WESSCO® 17.527.02 UV Coating High Gloss

UV Non-food coating with high reactivity, very low slip angle

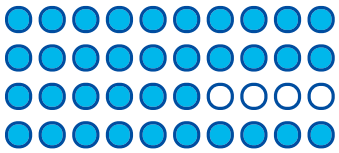
Product Description

Suitable for flexo unit.
UV curing under conditions atmospheric.
Unsuitable for use in packaging for food and other sensitive contents. This also applies to secondary food packaging where there is no barrier to prevent migration of substances into contents.

General Information	
Product Type	Coatings
Product Technology	UV curing
Field Of Application	Labels, Paperbased Packaging, Publication & Commercial ; Pressure Sensitive Labels, Other non-food, Cosmetic packaging, Personal Care
Properties	Low slip
Optic	High gloss

Properties

Gloss
Slip Surface Smoothness
Flexibility
Crackling Tolerance



Product Characteristics	
Viscosity	• ~50 + / - 5s (DIN 4 at 23°C)
Solid Content	
Anti Penetration	No

Substrate Recommendation

- Coated Paper
- Coated Board
- Plastics

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Application Method

- Stir well before use! Mechanical stirring is recommended.
- Recommended film weight: 3 - 6 g/m^2; wet
- 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.
- In case of an offline coating we recommend for the primer a drying time of minimum 24 hours, in case of metallic printing inks minimum 48 hours.
- 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.
- Glue flaps should be uncoated.
- Do not pollute the varnish with washing water or other varnishes.
- The increase of the slip angle can't be excluded in case of temperature and humidity. Storage tests are necessary.
- Sheet-fed, coating unit (chambered doctor blade or roller system)
- Flexo

Storage Instructions

- Shelf-life 12 months
- Applies to closed original containers at 5°C up to 30°C.
- Protect from frost, heat and sun exposure

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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