

Technical Data Sheet

WESSCO® 3821 UV Raised Coating Gloss

UV non-food tactile coating for finishing of printed products. Suitable for flexo unit

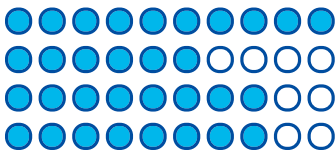
Product Description

UV curing under atmospheric conditions.
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.
Only suitable for small elements.
With reduced viscosity for improved flow out on narrow web presses.

General Information	
Product Type	Coatings
Product Technology	UV curing
Field Of Application	Labels, Pressure Sensitive Labels
Properties	Good relief effects are possible.
Optic	Glossy

Properties

Gloss
Reactivity
Slip Surface Smoothness
Flexibility



Product Characteristics			
Viscosity	• ~43 s +/- 5s (DIN 4 at 23°C)		
Hot Foil Stamping	No	Glueability	No
Anti Penetration	No		

Substrate Recommendation

- Various films and paper

Technical Data Sheet

WESSCO® 3821 UV Raised Coating Gloss

UV non-food tactile coating for finishing of printed products. Suitable for flexo unit

Application Method

- Flexo
- Stir well before use!
- 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.

Storage Instructions

- Shelf-life 12 months
- Storage at temperature between 5°C and 35°C
- Protect from frost, heat and sun exposure.
- Storage in closed original containers

Cleaning Instructions

- Ethanol
- Ethylacetate
- Please clean machine and tools immediately with alcohol. Dried film clean up with TERRAGLOSS CLEAN Cleaning Agent G 13/160.

Regulatory Compliance

- Disclaimer: For regulatory compliances please reach out to your responsible ACTEGA contact person.
- P: +41 (0) 44 712 64 00;

Contact Information

ACTEGA Schmid Rhyner AG
Soodring 29, 8134 Adliswil, CH
+41 44 712 64 00
info.ACTEGA@altana.com
www.actega.com

Technical Data Sheet

WESSCO® 3821 UV Raised Coating Gloss

UV non-food tactile coating for finishing of printed products. Suitable for flexo unit

Disclaimer

The characteristics contained herein constitute binding product specifications which we warrant provided the conditions and testing methods mentioned therein are used. Any other subjective or objective requirements concerning the products are excluded. Any information herein about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. No warranties of merchantability or fitness for a particular purpose are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties.