

Technical Data Sheet

WESSCO® POLAR 29.419.30 UV Silver Premium Bright

UV premium silver for finishing of printed products. Suitable for flexo units. Low viscosity.

ACTEGA Schmid Rhyner AG

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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	Inks
Product Technology	UV curing
Field Of Application	Labels, Pressure Sensitive Labels
Colors	prd_color_metallicSilver, prd_color_silverPremiumBright
Optic	•

Application Method

- Flexo unit
- 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 total structure of substrate/printing ink/varnish must be cured 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.
- Suitable for Flexographic printing

Printing Equipment and Anilox Recommendation	
Printing Equipment	Anilox Volume
Open-cell anilox, such as GTT, HIT, Haschur, or ART, with a maximum line count of 80 L/cm to avoid thickening.	6-15 cm ³ /m ² / 0-0 ft ³ /ft ²

Substrate Recommendation

- various films and paper

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Product Characteristics			
Viscosity	• ~250 mPas + / - 150 (mPa*s at 23°C)		
Benzophenone free	<input type="checkbox"/>	Glueability	<input type="checkbox"/>

Storage Instructions

- Shelf-life 6 months
- Storage at temperatur between 5°C and 35°C
- Protect from frost, heat and sun exposure
- Storage in closed original containers

Cleaning Instructions

- Ethanol
- 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.

Additional Information

It is highly recommended to protect the coating from mechanical damage.

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.