

Technical Data Sheet

WESSCO® POLAR 29.419.89 UV Silver Shrink Sleeve Premium

UV premium silver for the inside printing of shrink sleeves High flexibility For flexo units

ACTEGA Schmid Rhyner AG

Soodring 29, 8134 Adliswil, CH

+41 44 712 64 00

info.ACTEGA.SchmidRhyner@altana.com

www.actega.com

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	Flexible Packaging, Pressure Sensitive Labels
Colors	prd_color_metallicSilver, prd_color_silverPremiumBright
Optic	•

Application Method

- 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

- PETg
- Other Shrink Films

Technical Data Sheet

WESSCO® POLAR 29.419.89 UV Silver Shrink Sleeve Premium

UV premium silver for the inside printing of shrink sleeves High flexibility For flexo units

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

Properties

Scratch Resistance



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

Optimal CoF for use as the final layer without opaque white

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.