

Technical Data Sheet

WESSCO® FCM 27.512.11 UV Coating High Gloss

Low migration UV high-gloss coating for overprinting WESSCO Polar metallic inks. Suitable for flexo units.

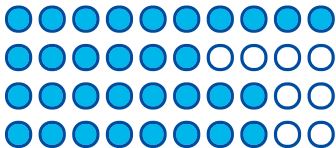
Product Description

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).
TMPTA-free formulated.

General Information	
Product Type	Coatings
Product Technology	UV curing
Field Of Application	Labels, Pressure Sensitive Labels
Properties	Benzophenone-Free, TMPTA free formulated, Very good transparency, Low odor
Optic	High gloss

Properties

Gloss
Reactivity
Slip Surface Smoothness
Flexibility



Product Characteristics			
Viscosity	• ~40 s +/- 5s (DIN 4 at 23°C)		
Hot Foil Stamping	No	Glueability	No
Anti Penetration	No		

Substrate Recommendation

- Coated Paper
- Coated Board
- Plastics

Technical Data Sheet

WESSCO® FCM 27.512.11 UV Coating High Gloss

Low migration UV high-gloss coating for overprinting WESSCO Polar metallic inks. Suitable for flexo units.

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.
- Flexo unit

Storage Instructions

- Shelf-life 12 months
- Storage at temperature between 5°C and 35°C
- Storage in closed original containers
- 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

- For information about the food legislation assessment of this product (e. g. demands on the Nestlé Standard St-80.001 „Printing Inks for Food Packaging“ (version 04-2022) and the Swiss Ordinance (SR 817.023.21 - ordinance of the Swiss Confederation on materials & articles in contact with food) or FDA & California Proposition 65) we ask you to contact our department for quality, environment and product safety.
- P: +41 (0) 44 712 64 00;
- regulatory.actega.schmidrhyner@altana.com

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® FCM 27.512.11 UV Coating High Gloss

Low migration UV high-gloss coating for overprinting WESSCO Polar metallic inks. Suitable for flexo units.

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.