

Technical Data Sheet  
MOTIONCOAT® 42  
MotionCoat® 42 UV litho first down

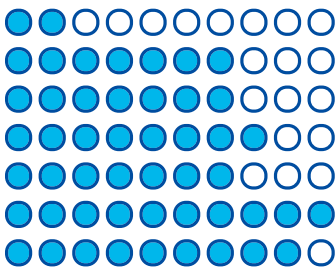
Product Description

MotionCoat® 42 is applied through the last ink station, spot applied (and UV cured), followed by a flood coat of the MotionCoat® 4251 or MotionCoat® 4252PS to create the motion effect.

General Information	
Product Type	Coatings
Product Technology	UV curing
Field Of Application	Paperbased Packaging, Publication & Commercial, Advertising, Catalogs, Commercial, Decorative packaging, exterior, Folded Boxes-Household/Hardware & Electronics/other non food, Folded Boxes-Personal Care/Cosmetics, Folded Boxes:Spirits/Wine, Other non-food, Other Specialities, Shelf-ready packaging, Transport packaging
Properties	The processing with fountain solution (wet offset) is possible., Enables an even and structured surface, Good printability, good adhesion, Print varnish to get glossy-, matte and/or trickle down effects by the inline coating with UV varnishes. The print varnish must be UV cured before overprinting., Proves in practice to be suitable as two-sided coating., The coating contains optical brightener., TMPTA free formulated
Optic	Matte

Properties

- Gloss
- Reactivity
- Scuff Resistance
- Slip Surface Smoothness
- Flexibility
- Two Sided Coating
- UV Varnishing



Product Characteristics			
Viscosity	• ~8,000 mPas +/- 2000 (Centipoise at 40°C)		
Curing	• 100 fpm @ 300WPI		
Hot Foil Stamping	No	Glueability	No
Anti Penetration	No		

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#### Substrate Recommendation

- Coated Board
- Coated Paper

#### Application Method

- Applied wet litho via ink train; The recommended coating weight is 0.3 – 0.5 lbs/1000 square feet and the mileage should be similar to that of regular ink varnish

#### Storage Instructions

- Shelf-life 6 months
- Applies to closed original containers at 5°C up to 30°C.

#### Cleaning Instructions

- Please clean machines and tools with commercial cleaning agents.

#### Additional Information

MEK Resistance: 10 - 20 Double Rubs

\* Estimated chemical resistance on press

#### Contact Information

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#### 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.