



NovaCoat SC-42

High Rub Folding Carton Coating

Description

NovaCoat SC-42 was formulated to be a gloss, high rub folding carton coating for use in sheetfed and flexographic applications. In most applications, it can be used as a 2-sided commercial coating. It is NOT recommended to be recoatable. TEST BEFORE USING!

Features

- * Excellent rub resistance.
- * Excellent gloss.
- * Excellent flow and leveling.
- * Acceptable dry speed.

Directions

Mix before use and check viscosity. Add 1% water or 50/50 blend of Water/IPA under agitation to reduce coating viscosity 4" # 3 Zahn.

Technical Specifications

<i>Flash Point (°F TCC)</i>	> 200
<i>pH</i>	8.5 - 8.9
<i>Weight/Gallon</i>	8.76
<i>Gloss</i>	10-30 points over stock, depending on porosity
<i>Rub Resistance</i>	9/10
<i>Slip (face to face)</i>	15-20 degrees
<i>COF (face to face)</i>	.26 - .36
<i>Block Resistance (face to face)</i>	Pass 120 F x 24 hr, 100% RH
<i>Gluing, Stamping</i>	Suitable with some glues and foils. TEST FIRST!
<i>UV Primer</i>	Suitable with some UV coatings. TEST FIRST!
<i>Viscosity (#3 Signature Zahn Cup)</i>	18-20" @ 77 F
<i>Inks</i>	Use recoatable inks only
<i>Dilution</i>	1% water will reduce viscosity 4" #3 Zahn
<i>Wet Film Weight</i>	3-6 micron
<i>Percent Solids</i>	40.0 +/- 2
<i>Shelf Life</i>	12 months, 6 after opening
<i>Freeze/Thaw Stability</i>	1 cycle
<i>Drying</i>	Pile 105 F 1st side, 95F 2nd side
<i>Clean-up</i>	Warm water. Water + ammonia for dried coating.

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