



NovaCoat AQ-687

Satin Heat-Resistant Aqueous Coating

Description

NovaCoat AQ-687 is a high heat-resistant aqueous coating formulated for application on paper and paperboard with in-line blanket coaters, flexo presses and flexo/gravure type coaters. It has heat resistance to 400°F, good dry speed, flow and leveling, rub and block resistance.

Features

- * Heat-resistant.
- * Good dry speed.
- * Good flow and leveling.
- * Good rub and block resistance.

Directions

Mix before use and check viscosity. Add water or 50/50 blend of water/IPA under agitation to reduce coating viscosity.

Technical Specifications

<i>Flash Point (°F TCC)</i>	> 200
<i>pH</i>	8.7 - 9.2
<i>Weight/Gallon</i>	8.76
<i>Gloss</i>	15-35 points over stock, depending on porosity
<i>Rub Resistance</i>	8/10
<i>Slip (face to face)</i>	15-18 degrees
<i>COF (face to face)</i>	.26-.32
<i>Block Resistance (face to face)</i>	Pass 12F x 24 Hr, 100% RH
<i>Viscosity (#3 Signature Zahn Cup)</i>	20-25" #3 (Signature brand)
<i>Inks</i>	Coatable 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>	45.0 +/- 2.0
<i>Shelf Life</i>	12 months, 6 after opening
<i>Freeze/Thaw Stability</i>	1 cycle
<i>Drying</i>	Pile 105F 1st side, 95 F second
<i>Clean-up</i>	Warm water or water + ammonia

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