



## NovaCoat AQ-617

*FDA-Compliant Aqueous Label Coating*

### Description

Nova AQ-617 is formulated for application on paper and paperboard with in-line blanket coaters, flexo presses, coater/dampeners and flexo/gravure type coaters. It is selected for its drying, cold moisture and grease resistance and conformance to FDA regulations for food contact.

### Features

- \* Grease resistant.
- \* Cold / humid resistant.
- \* FDA compliant (176.170 and 176.180) with limitations.

### 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>	> 212
<i>pH</i>	8.0-8.7
<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>	21-24 degrees
<i>COF (face to face)</i>	.32-.36
<i>Block Resistance (face to face)</i>	Pass 12F 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>	18-22" #3 @ 25C
<i>Inks</i>	Coatable inks only
<i>Dilution</i>	1% water will reduce viscosity 3" #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
<i>VOC</i>	0.48

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