

5063D, MD

UV Curable Clear Coating

Technical Information:

Viscosity: Brookfield 170-250cps
spindle #2/20rpm/77°F

Zahn cup #3: 16-20 seconds

Weight Per Gallon: 9.1 Pounds/Gallon

Reactive Solids: 100%

Application: Roller/Blanket/Anilox

Substrate: Paper or Paper Board

Clean up: Butyl Cellulose, Isopropyl Alcohol, Aromatic Hydrocarbon.

Inks: Wax free UV coatable inks should be used for best results.

Performance Characteristics:

High Gloss: 90 @ 60° Typical

Low Flaking: Nickel test results

Excellent Abrasion Resistance: 600 Cycles, 4 pounds face to face typical with Sutherland Rub Tester.

Cure Rate: 100 ft/min @ 300 watts per inch.

Application:

5063 UV Clear Coating for use on paper and paperboard. For optimum coating performance for gloss, adhesion and abrasion resistance it is recommended that a wax free waterbased primer coating be used prior to applying the 5063 coating when used over conventional sheetfed inks. 5063 can be used over heat set inks. We recommend applying the inks after the heat set inks and recommend using coatable cover inks to minimize flaking and increase adhesion. The 5063 can also be used in-line over "Hi-Bred" UV curable inks and UV inks. Coverage and performance may vary depending on the ink and substrate being used. Pre-testing the 5063 in the specific application prior to use is recommended to insure compatibility with inks, coatings and papers being used. This product is not recommended for use on food packaging for direct food contact. For more specific product information contact your local Coatings and Adhesives Representative.