



Covinax 081-00

PRODUCT DESCRIPTION

Covinax 081-00 is a pressure sensitive, vinyl acrylic copolymer stabilized with a cellulosic colloid. The performance of this pressure sensitive emulsion is characterized by moderate peel adhesion, high shear resistance, and good quick tack. COVINAX 081-00 is thixotropic and has excellent mechanical stability. COVINAX 081-00 exhibits excellent adhesion to Mylar and cellophane.

PHYSICAL PROPERTIES

Polymer Type: Vinyl Acrylic

Protective System: Anionic/Cellulosic

Viscosity (cps): 100 - 800 (LVF, Spindle #3/60RPM/77° F)

Percent Solids: 52% - 55%

pH: 4.2 – 5.2

Freeze/Thaw Stability: Unstable

Weight per Gallon (lbs): 8.4

Borax Compatible: Yes

Surface Tension: 33 dynes/cm.

Shelf Life: 6 months

ADDITIONAL INFORMATION

A 1 mil (28g/M²) dry film of Covinax 081-00 cast directly onto 1 mil thickness polyester film will exhibit the following average performance properties when tested on #304 stainless steel, which has a #3 surface finish.

Test

180° Peel¹

178° Shear²

Loop Tack³

Performance Values

2.0 pounds

700 minutes

1.8 pounds

FDA Compliance: 21 CFR 175.105
21 CFR 176.180

¹Franklin International 03QC5002, 30 minute dwell

²Franklin International 03QC5003, 0.25 square inch, 500 gram load

³Franklin International 03QC5004, 1 square inch contact, 1 second dwell

IMPORTANT NOTICE TO CUSTOMER:

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