



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	Freeze/Thaw Stability:	Unstable
Protective System:	Anionic/Cellulosic	Weight per Gallon (lbs):	8.4
Viscosity (cps):	100 - 800 (LVF, Spindle #3/60RPM/77° F)	Borax Compatible:	Yes
Percent Solids:	52% - 55%	Surface Tension:	33 dynes/cm.
pH:	4.2 - 5.2	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	Performance Values
180° Peel ¹	2.0 pounds
178° Shear ²	700 minutes
Loop Tack ³	1.8 pounds

¹ Franklin International 03QC5002, 30 minute dwell

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

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

The data provided in this Technical Data Sheet represents typical physical and/or performance values for the product under a given set of testing conditions. The ranges or values are not specifications. Specifications will be set based on statistical analysis of measurements made by the quality control laboratory on production material and will accurately reflect production capabilities. This data should be used as a guide for product selection only.

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