



# Covinax 386-00

## PRODUCT DESCRIPTION

**Covinax 386-00** is a surfactant stabilized vinyl acrylic copolymer, which was developed for use as a permanent pressure sensitive film label adhesive. It exhibits excellent clarity, and retains the clarity even under extensive aging. Covinax 386-00 is a moderate shear product with good loop tack, and is widely used in vinyl, polyester, and other film and paper label applications. In addition, the dry film clarity, cold flow resistance and high cohesive strength of Covinax 386-00 permit it to be used as an overlaminating film adhesive.

## PHYSICAL PROPERTIES

<b>Polymer Type:</b>	Vinyl acrylic	<b>Freeze/Thaw Stability:</b>	Unstable
<b>Protective System:</b>	Anionic	<b>Weight Per Gallon:</b>	8.6
<b>Viscosity (cps):</b>	50 - 400 (RVF, Spindle #2/100 RPM/77°F)	<b>Borax Compatible:</b>	Yes
<b>Percent Solids:</b>	60% - 63%	<b>Color:</b>	White
<b>pH:</b>	4.0 - 5.0	<b>Shelf Life:</b>	6 months

## ADDITIONAL INFORMATION

A 1 mil (28g/M<sup>2</sup>) dry film of Covinax 386-00 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 Adhesion <sup>1</sup>	2.1 pounds
178° Shear Adhesion <sup>2</sup>	300 minutes
Loop Tack <sup>3</sup>	2.2 pounds
Coating Weight	1.0 dry mil

**Glass Transition Temperature (T<sub>g</sub>):** -34 °C

**FDA Compliance:** 21 CFR 175.105

<sup>1</sup> Franklin International 03QC5002, 30 minute dwell.

<sup>2</sup> Franklin International 03QC5003, 0.25 square inch, 500 gram load, 10 minute dwell.

<sup>3</sup> 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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