



Covinax 222-00

PRODUCT DESCRIPTION

Covinax 222-00 is a surfactant stabilized acrylic copolymer emulsion developed for repositionable or semi-removable pressure sensitive adhesive applications. It will perform as a repositionable tape or label from some surfaces, including glass, metal and plastics, exhibiting smooth non-tearing adhesion or up to 30 minutes dwell time. It will exhibit clean removal from plastics and metal surfaces but may become permanent on fibrous substrates.

PHYSICAL PROPERTIES

Polymer Type:	Acrylic	Freeze/Thaw Stability:	Unstable
Protective System:	Anionic	Weight Per Gallon:	8.4
Viscosity (cps):	20 - 200 (RVF, Spindle #2/100 RPM /77 °F)	Borax Compatible:	Yes
Percent Solids:	57% - 60%	Color:	White
pH:	3.7 - 4.7	Shelf Life:	6 months

ADDITIONAL INFORMATION

A 1 mil (28g/M²) dry film of Covinax 222-00 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 ¹	0.9 pounds
178° Shear Adhesion ²	88 minutes
Loop Tack ³	1.5 pounds
Coating Weight	1.0 dry mil

Glass Transition Temperature (T_g): -50 °C

FDA Compliance: 21 CFR 175.105
16 CFR 1500.3(C)(4)
16 CFR 1500.3(C)(2)(i)

¹ Franklin International 03QC5002, 30 minute dwell.

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

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.

Important Notice to Purchaser: Our recommendations, if any, for use of this product are based on tests believed to be reliable. The greatest care is exercised in the selection of our materials and in our manufacturing operations. However, we make no recommendation to use this product in any manner which conflicts with existing laws and/or patents and WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS PRODUCT OR ITS USE, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, THE MANUFACTURER IS NOT LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES OF ANY KIND. Revised 07/15/08.

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