



Covinax 258-00

PRODUCT DESCRIPTION

Covinax 258-00 is a surfactant stabilized acrylic copolymer developed for use as a freezer grade pressure sensitive adhesive. It has extremely low glass transition temperature allowing it to adhere to frozen surfaces and its aggressive tack permits application through thin layers of moisture or frost. Covinax 258-00 can also be blended with other polymers to impart low temperature properties to those polymers or to develop products which are all temperature grades.

PHYSICAL PROPERTIES

Polymer Type:	Acrylic	Freeze/Thaw Stability:	Unstable
Protective System:	Anionic	Weight Per Gallon:	8.5
Viscosity (cps):	100 - 600 (LVF, Spindle #3/60 RPM /77° F)	Borax Compatible:	Yes
Percent Solids:	58.5% - 61%	Color:	White
pH:	3.8 – 4.5	Shelf Life:	3 months

ADDITIONAL INFORMATION

A 1 mil (28g/M²) dry film of Covinax 258-00 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	1.3 pounds
178° Shear Adhesion ²	35 minutes
Loop Tack ³	3.3 pounds
Coating Weight	1.0 dry mil

Glass Transition Temperature (T_g): -80 °C

FDA Compliance: 21 CFR 175.105

¹ Franklin International 03QC5002, 30 minute dwell.

² Franklin International 03QC5003, 1.00 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.

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