

Covinax 210-15

Covinax 210-15 is a surfactant stabilized acrylic copolymer emulsion developed for ultra-removable pressure sensitive adhesive applications. It will perform well as a removable tape or label from most surfaces, including paper, glass, metal and plastics, exhibiting smooth non-tearing adhesion and maintains very constant peel adhesion even after extended aging. (Testing on specific application surface is recommended before use.) Covinax 210-15 meets the FDA requirements of 21 CFR 176.180 for paper and paperboard containers in contact with dry foods. It was designed to be coatable on most slot die, rod or roller coaters. This product will wet out most release liners, but for best anchorage, direct coating to the face stock is recommended.



PHYSICAL PROPERTIES

Polymer Type: Acrylic

Protective System: Anionic

Color: White

Viscosity (cps): 1200 - 2400 (RVF, Spindle #4/20 RPM /77 °F)

Percent Solids: 40.0% - 44.0%

pH: 6.0 - 7.5

Weight Per Gallon: 8.4

Freeze/Thaw Stability: Unstable

Borax Compatible: Yes

Shelf Life: 4 months

Glass Transition Temperature (T_g): -51 °C

PERFORMANCE PROPERTIES

A 1 mil (28g/M²) dry film of Covinax 210-15 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	Typical Values	Specification Range
180° Peel Adhesion ¹ (lbs)	0.3	0.6 maximum
178° Shear Adhesion ² (minutes)	480	75 minimum
Loop Tack ³ (lbs)	0.6	0.3 - 1.0

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, 10 minute dwell.

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

IMPORTANT NOTICE TO CUSTOMER:

The recommendations and data contained in this Product Data Sheet for use of this product are based on information Franklin believes to be reliable. They are offered in good faith without guarantee, as conditions and methods of use of our product by Customer are beyond Franklin's control. Customer must determine the suitability of the product for a particular application before adopting it on a commercial scale.

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