



## RHOPLEX™ N-619 Adhesive

Pressure Sensitive Adhesive

### Regional Product Availability

- North America

### Description

RHOPLEX™ N-619 Adhesive is an acrylic emulsion which may be used neat or as an adhesive formulating base. It features both aggressive tack and high peel strength with outstanding adhesion to polyolefin film and metals.

### Typical Applications

RHOPLEX™ N-619 Adhesive is suggested for use where permanent pressure-sensitive bonds are required. The product has demonstrated success as a laminating adhesive in a variety of structures.

### Typical Physical Properties

(These properties are typical but do not constitute specifications.)

Property	Value
Polymer Type	Acrylic
Appearance	Milky-white
Solids, %	57.0
pH	7.8
Brookfield RVF Viscosity, cps (#2 spindle 60 RPM @ 25°C)	100
Density, lbs/US gal gm/ml	8.6 1.0
Tg, °C	-35
Particle Charge	Anionic
Freeze/Thaw Stability	Protect from freezing

### Typical Performance of RHOPLEX™ N-619 Adhesive

(These properties are typical but do not constitute specifications.)

Performance results of 1 mil dry test samples of RHOPLEX™ N-619 Adhesive direct coated onto different films are given below:		
	1-mil Polyester	1.25 mil OPP
180° Peel Adhesion, oz/linear inch (n/inch) (PSTC #101)	79 (21.9) C <sup>1</sup>	53 (14.7) AFB <sup>2</sup>
Quick Stick, oz/in (n/inch) (PSTC #5)	23 (6.4)	27 (7.5)
Static Shear, hrs., (PSTC #107) (1"x1"x1000 gm), 1-hour dwell	2 C	51 C

1 - 20-minute dwell

2 - 1-minute dwell

C denotes cohesive failure

ABF denotes failure from backing

### FDA Status

RHOPLEX™ N-619 Adhesive complies with applicable requirements of FDA Food Additive Regulation 21CFR 175.105 21CFR 176.170, and 176.180. We recommend that you make your own determination on the suitability of RHOPLEX N-619 Adhesive for your particular application. We also recommend that you periodically verify the regulatory status of RHOPLEX N-619 Adhesive.

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