



ROBOND™ PS-2000 Adhesive

Pressure Sensitive Adhesive

Regional Product Availability

- Asia Pacific
- Europe, Middle East and Africa
- Latin America
- North America

Description

ROBOND™ PS-2000 Adhesive is a permanent PSA which is characterized by excellent clarity and a balance of moderate shear strength and tack. This adhesive has demonstrated excellent performance in both carton sealing film tape and overlamine applications.

Key Features

The viscosity of ROBOND PS-2000 Adhesive allows it to be used with a variety of coating methods. It is a coater-ready product and may be direct coated to a variety of facestocks.

Typical Physical Properties

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

Property	Value
Polymer Type	Acrylic
Appearance	Milky-white
Solids, %	54.5
pH	7.6
Brookfield LVF Viscosity, cps (#2 spindle, 30 RPM @ 25°C)	75
Density: lbs/US gal gm/ml	8.6 1.03
Tg, °C	-42
Particle Charge	Anionic
Freeze/Thaw Stability	Protect from freezing

Typical Performance Results

Performance results of 13 lb/3000 ft² (21 gm/m²) dry ROBOND™ PS-2000 Adhesive direct coated onto 1.2 mil BOPP are given below.

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

180° Peel Adhesion, oz/linear inch (n/in) (PSTC #101), 1-minute dwell, stainless steel	22 (6.1) A
20-minute dwell, stainless steel	23 (6.4) A
20-minute dwell corrugated (parallel to the fluting)	28 (7.8) slt. FT
Loop Tack, Stainless Steel, oz/in ² (gm/6.45 cm ²) (TLMI)	40 (11.1)
Static Shear, Stainless Steel, hrs., (PSTC #107) (1"x1"x1000gm), 1-minute dwell	>50

A = Adhesive Failure

slt. FT = Slight Fiber Tear

FDA Status

ROBOND™ PS-2000 Adhesive complies with applicable requirements of FDA Food Additives Regulation 21CFR 175.105. We recommend that you make your own determination on the suitability of ROBOND PS-2000 Adhesive for your particular application. We also recommend that you periodically verify the regulatory status of ROBOND PS-2000 Adhesive.

Regulations may vary by city, state, country, or geographic region. Please contact the Dow Customer Service Group in your region for any additional, relevant regulatory information.

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Additional Information

North America	Europe/Middle East	+800-3694-6367
U.S. & Canada:		+31-11567-2626
	Italy:	+800-783-825
Mexico:		
Latin America	South Africa	+800-99-5078
Argentina:		
Brazil:		
Colombia:	Asia Pacific	+800-7776-7776
Mexico:		+603-7965-5392

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