



ROBOND™ PS-68 Adhesive
ROBOND™ PS-68HV Adhesive
 Pressure Sensitive Adhesives

Regional Product Availability

- North America

Description

ROBOND™ PS-68 Adhesive is a coater-ready permanent pressure sensitive adhesive which is characterized by high peel adhesion and tack with adequate shear resistance. This polymer emulsion has been designed with rheological properties which make it particularly suitable for transfer coating at low viscosity.

Key Features

ROBOND™ PS-68 Adhesive pressure sensitive adhesive has demonstrated excellent performance on a variety of clear and pigmented films, including polyolefin, PET, PVC, and polystyrene. Its excellent clarity and wet-out combined with good ultraviolet light resistance make it an excellent product for clear film labels and overlaminates.

Typical Physical Properties

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

Property	ROBOND PS-68	ROBOND PS-68HV
Polymer Type	Acrylic	Acrylic
Appearance	Milky-white	Milky-white
Solids, %	55.0	55.5
pH	7.5	7.3
Brookfield LVF Viscosity, cps (#3 spindle, 50 RPM @ 25°C)	300	500
Density: lbs/US gal (gm/ml)	8.6 (1.03)	8.6 (1.03)
Tg, °C	-35	-35
Particle Charge	Anionic	Anionic
Freeze/Thaw Stability	Protect from freezing	Protect from freezing

Typical Performance Results

The following results characterize the excellent performance of ROBOND™ PS-68 Adhesive. Samples were direct coated on 2-mil polyester at a coat weight of 13 lb/3000 ft² (21 g/m²) and tested at room temperature.

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

180° Peel Adhesion, oz/linear inch (n/inch) (PSTC #101) 20-minute dwell, stainless steel 24-hour, stainless steel	54 (15.0) A 70 (19.4) C
Loop Tack, oz/in ² (n/inch ²), stainless steel (TLMI)	40 (11.1) A
Static Shear, hrs., stainless steel (PSTC #107), (1"x1"x1000g), 1-minute dwell	7 C

A = Adhesive Failure mode

C = Cohesive Failure mode

FDA Status

ROBOND™ PS-68 Pressure-Sensitive Adhesive complies with applicable requirements of FDA Food Additives Regulation 21CFR 175.105 Adhesives and the applicable requirements of the Coalition of Northeast Governors' (CONEG) Standards on heavy metals. We recommend that you make your own determination on the suitability of ROBOND PS-68 Adhesive for your particular application. We also recommend that you periodically verify the regulatory status of ROBOND PS-68 Adhesive.

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