



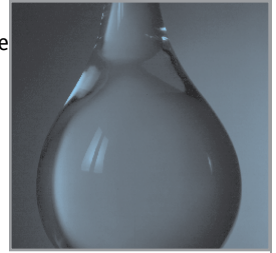
PRESSURE SENSITIVE  
ADHESIVE

AquaGrip™

JB720  
PRESSURE SENSITIVE EMULSION ACRYLIC

**PRODUCT** ■ Aquagrip™ JB720 is a pressure sensitive acrylic emulsion adhesive.

**PRODUCT DESCRIPTION** ■ Aquagrip™ JB720 is a relatively high peel and high tack pressure sensitive adhesive with good clean removability and a smooth or “buttery” peel aesthetics.



**BASIC USES** ■ Aquagrip™ JB720 can be used in many removable type applications such as filmic labels and surface protection/masking where good UV resistance, non-ghosting, and lack of discoloration are important to the application. This product can also be formulated to meet your specific requirements.

**SUGGESTED USES** ■ Tapes and Labels

#### FEATURES

- High Peel
- High Tack
- Smooth Release
- Good UV Stability
- Formulator Friendly

**APPLICATION TECHNIQUES** ■ Can be applied by slot-die as well as roll coating or diluted down for rod and gravure coatings.

**PACKAGING** ■ Aquagrip™ JB720 is available in drums, totes, and tankers.

**FDA 21 CFR NUMBERS** ■ 175.105

We do not knowingly add any substances derived from animal sources to this product.

#### PHYSICAL PROPERTIES

*properties*

Tg (°C)	-37
pH	6.7-7.7
Viscosity (cps)	1800-2800
Solids (%)	54-56
Characteristics	High peel removable



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### PERFORMANCE PROPERTIES

	SAFT (°F)	RT Shear (min)	180 Peel (pli)	Loop Tack (lbs)
<i>stainless steel</i>	260	>10k	1.4	2.0
<i>corrugated cardboard</i>			0.3	0.3
<i>hdpe</i>			0.6	0.9
<i>polypropylene</i>			0.5	0.8
<i>polycarbonate</i>			2.5	1.0

Test samples were directly coated on 2mil PET film and dried for 5 minutes at 180°F. The resulting dry coat weight of the adhesive was 1mil. Samples were conditioned for 24 hours at 75°F / 50% RH before testing. All testing conducted on bright-annealed PSTC stainless steel panels.

180° peel test procedure- A 1 inch strip of coated PET stock was laminated to a stainless steel panel using two passes of a 4.5lb roller and allowed to dwell for 20 minutes prior to testing. Testing was conducted using an Instron tensile tester with a peel rate of 12 inches / minute.

Looptack test procedure- Looptack values were determined using an Instron tensile strength tester at a rate of 12 inches / minute. Values reported are the peak tack level measured.

Room temperature shear procedure- A 1 inch x 1 inch sample of coated PET film was laminated to a stainless steel plate and allowed to dwell for 30 minutes. A 1000g weight was attached to the coated stock. The time at which delamination occurred was recorded. Testing conducted at 75°F / 50% RH.

Shear adhesion failure temperature (SAFT) test procedure- A 1 inch x 1 inch sample of coated PET film was laminated to a stainless steel plate and allowed to dwell 30 minutes. Samples were then placed in an oven and a 1000g weight was attached to the coated stock. The oven temperature was increased at 3°F/min. The temperature at which delamination occurred was recorded.

**HEALTH AND SAFETY PRECAUTIONS** ■ The Material Safety Data Sheet should be consulted for proper handling, clean up, and spill containment before use. Wear safety gloves and goggles when handling adhesive to minimize the risk for skin irritation. Keep containers covered to minimize contamination. For FDA regulations and additional clearances, please contact the Regulatory Affairs Department at 414-774-2250.

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### MANUFACTURER

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