

ARclad® 8306M

Pressure-Sensitive Adhesive Heat Activated



Features

- heat activated adhesive one side
- acrylic adhesive one side
- densified kraft liner

Benefits

- heat activated side will bond to materials not normally suited for pressure-sensitive adhesives
- acrylic adhesive has good balance of tack and shear for most applications
- outstanding plasticizer resistance on the heat activated side

Applications

Suggested for PVC and polyurethane bumpers, foams and irregular surfaces. Users should test the product to ensure it meets the specific needs of their application(s). Adhesives Research can tailor the product to meet the needs of specific applications as requested by customers.

Storage and Shelf Life

One year when stored at 70°F, 50% R.H.

Product Construction

Composite: 3.4 mils
 Liner: 6.6 mils
 Total: 10.3 mils nominal

Test Methods: PSTC-133, ASTM D-1000

Adhesive Properties - Typical Values

180° Peel Adhesion/5 min. Dwell/12" min.
 PSA Side - > 40 oz./in.

Test Methods: PSTC-101, ASTM D-3330, ART #1005

Static Shear

Temperature	Area	Load	Minutes to Failure
72°F	½" x ½"	500 g.	>240'

Test Method: PSTC-107, ART #2054

Recommended Minimum Application Temperature: heat seal 325°F (162°C)

(Revision – 11/04/09)

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APPLICATION AND STORAGE OF PRESSURE-SENSITIVE ADHESIVE TAPES

Pressure-sensitive adhesive tapes function as a mechanical product; however, the adhesive itself is a chemical composition that can be sensitive to environmental conditions. A purchaser of pressure-sensitive adhesive products should be aware of the shelf life of each product and not purchase more than it can use before the expiration date. Shipping and storage conditions affect shelf life. The optimum storage temperature is 70°F (21°C). Cool, dry storage is recommended.

For best results...

- 1) The surfaces you wish to bond should be clean and free of oil, moisture and dust. If the surface temperature is below 40°F, it may be difficult to achieve a proper bond.
- 2) Do not use a pressure-sensitive adhesive product where it will be exposed to temperatures lower or higher than those designated for each product. Heat can destroy the effectiveness of the bond and extreme cold can cause the adhesive to harden and not adhere properly.
- 3) When the tape is applied, use firm hand or lamination pressure to achieve contact between the adhesive and the surface to which it is applied. Hand rollers or nip rollers may be needed for certain products or applications.

Consult your AR sales representative if you need additional information.

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