

ARclad® 8314-19

Double-Coated Film



Features

- heavy adhesive mass
- high tack acrylic adhesive
- 3 mil blue poly

Benefits

- excellent bond strength to foams, rubbers and low surface energy materials
- conformable
- easy to die cut and apply

Applications

Perfect choice for immediate, destructible bonds. Also a good choice for nameplate and most mounting applications. Our best acrylic tape for bonding to low surface energy materials. It is recommended that users 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 - Typical Values

Composite: 8.0 mils
 Liner: 3.0 mils
 Total: 11.0 mils nominal

Test Methods

PSTC-33, ASTM D-1000

Adhesive Properties

180E Peel Adhesion (12" min.)
 5 min. Dwell
 24 hr. Dwell

Test Methods

PSTC-3, ASTM D-3330, ART #1005
 PSTC-3, ASTM D-3330, ART #1024

Typical Values

SS - 50 oz./in.
 SS - 70 oz./in.

Static Shear (72EF)

500 g. - 1/2" x 1/2"

PSTC-7, ART #1011

60 min. to failure

Recommended Minimum Application Temperature: 50°F (10°C)
 Maximum Operating Temperature: 250°F (121°C)

(Revised - 03/21/01)

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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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