

ARclad® IS-2108-11

Double-Coated Foam



PRODUCT DESCRIPTION

ARclad® IS-2108-11 is a 1/8" (3.2 mm) white, closed cell, cross linked polyethylene foam, coated both sides with a rubber based adhesive. A kraft paper release liner is utilized.

FEATURES

- High density 1/8" closed cell polyethylene foam
- High performance rubber based adhesive
- Densified kraft liner

BENEFITS

- Instant bonding (no cure time) to practically any surface
- No solvents, no mess, no clean up
- Die cuttable
- Fast, easy application

PRODUCT APPLICATIONS

Suggested for maximum gap filling ability, vibration attenuation, cushioning for reflectors, molded plastics, mirrors, signs circuit boards and wall displays. Users should assure the product 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.

Surface Preparation

As with all pressure-sensitive tapes, the surface to which the tape is applied should be clean, dry and free of grease or oil.

PRODUCT CONSTRUCTION – TYPICAL VALUES

| | |
|------------|--------------------|
| Composite: | 127.9 mils |
| Liner: | <u>3.9</u> mils |
| Total: | 131.8 mils nominal |

Test Methods - PSTC-133, ASTM D-1000

PRODUCT DIAGRAM



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ADHESIVE PROPERTIES – TYPICAL VALUES

180° Peel Adhesion/PET support/12"min.
Immed/SS - 80 oz./in.

Test Methods

PSTC-101, ASTM D-3330, ART #1006

STATIC SHEAR

| | | | |
|-------------|---------|--------|--------------------|
| Temperature | Area | Load | Minutes to Failure |
| 72°F | 2" x 2" | 500 g. | > 240' |

Test Methods - PSTC-107, ART #1011

STORAGE AND SHELF LIFE

One (1) year when stored at 70°F (21°C), 50% relative humidity.

SERVICE TEMPERATURE RANGE

Minimum Application Temperature - 50°F (10°C)
Maximum Intermittent Operating Temperature - 125°F (54°C)

(Revision – 01/27/10)

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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