

ARclad[®] 3000-72 Series

Expanded Cellular Foam Glazing Tapes



(AAMA 810.1, Type 1)

	<u>Black</u>	<u>White</u>
<u>Grades:</u> 1/32" thick	3432-72	3532-72
1/16" thick	3416-72	3516-72
1/8" thick	3408-72	3508-72

Description:

ARclad[®] 3000-72 series tapes are flexible, closed cell polyethylene foam tapes coated on both sides with a permanent acrylic based pressure-sensitive adhesive. ARclad[®] 3000-72 series is suggested to bond well to many plastics, vinyls, metals, and construction materials, including glass and preserved wood. ARclad[®] 3000-72 series are suggested for glazing windows while featuring excellent UV resistance, cold flex and good sealing characteristics. They are certified per AAMA 810.1 Expanded Cellular Glazing Tape, Type 1. 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.

All grades are available with a dependable 4 mil blue poly release liner.

Features and Benefits:

Features

Adhesion Properties over 100 oz.

Quick Stick

Water Absorption and Water Penetration Resistance

Ease of Application

UV Resistant Polymer

Benefits

Provides customer with superior adhesion to wood, vinyl, aluminum and glass

Provides customer with the ease and time saving opportunity of instantaneous bond

Conformability allows for continuous contact around curves and irregular surfaces. ARclad[®] 3000 series has excellent low absorption and penetration ability allowing it to pass the water penetration test as described in AAMA 810.1 easily

Offers quick solvent-free bonding method and reduced application time

Minimizes UV deterioration of those areas of the window that are directly exposed to UV lighting

Storage and Stability:

Service Temperature Range: -20°F to 175°F (-29°C to 79°C)

Storage: Unconverted, up to one year when stored at 70°F (21°C) 50% RH.

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Note: The information contained on this data sheet is based upon test results of limited quantities of this material and may be modified by Adhesives Research following additional production experience and evaluation. This data should not be used in preparing specifications. Products identified as developmental may be subject to modification by Adhesives Research, Inc.

(Revised 17 February 2010)

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.

THIS IS NOT AN OFFER

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AR limits the purchaser's remedies in the event of a breach of any warranty. The purchaser's exclusive remedy and AR's obligations for a breach of any warranty shall be as set forth in the Sales Order Acknowledgment.

ARclad[®] is a registered trademark of Adhesives Research, Inc. Adhesives Research[®] is a registered service mark of Adhesives Research, Inc. for engineering and design services in the field of pressure-sensitive adhesive systems.

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