

ARclad[®] 3000 Series

Expanded Cellular Foam Glazing Tapes



(AAMA 810.1, Type 1)

GRADES

	<u>Black</u>	<u>White</u>	<u>Gray</u>
1/32" thick	3432-11	3532-11	3632-11
1/16" thick	3416-11	3516-11	3616-11
1/8" thick	3408-11	3508-11	3608-11

DESCRIPTION

ARclad[®] 3000 series tapes are flexible, closed cell polyethylene foam tapes coated on both sides with a permanent acrylic based pressure-sensitive adhesive. ARclad[®] 3000 series bonds well to many plastics, vinyls, metals, and construction materials, including glass and preserved wood. ARclad[®] 3000 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 lined with a dependable 4 mil, K-74 double-faced, solid system silicone treated paper for easy application and removal.

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 SHELF LIFE

Unconverted product should be stored at 70°F ± 20°F (21°C ± 11°C) and 50% ± 20% relative humidity, out of direct sunlight. The shelf life of the product is not to exceed one year from date of manufacture.

SERVICE TEMPERATURE RANGE

-20°F to 175°F (-29°C to 79°C)

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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 11 January 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 Adhesives Research sales representative if you need additional information.

THIS IS NOT AN OFFER

This Product Information sheet ("PI Sheet") is not an offer to sell by Adhesives Research ("AR") and does not contain any binding warranties or terms of sale. While this PI Sheet does contain technical information and general warranty information, this PI Sheet is non-binding and is for information purposes only. If you wish to purchase the product set forth on this PI Sheet ("Product"), or have any questions regarding the warranty or other terms related to this Product, contact AR customer service or a sales representative and they will provide you with AR's terms of sale for the Product in the form of a Sales Order Acknowledgment. AR shall not be bound by any terms or information set forth in this PI Sheet.

DISCLAIMER OF WARRANTIES

AR's warranty on product is limited to the warranty set forth in the Sales Order Acknowledgment. **NOTHING SET FORTH IN THIS PRODUCT INFORMATION SHEET SHALL CONSTITUTE A WARRANTY OF ANY KIND AND EXCEPT AS SET FORTH IN THE SALES ORDER ACKNOWLEDGMENT, UNLESS OTHERWISE STATED IN A SALES ORDER ACKNOWLEDGMENT, AR EXPRESSLY DISCLAIMS ALL WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** No provisions, statements, diagrams, drawings or pictures contained in any product literature, price list, catalogue, purchase order, product data sheet, order acknowledgment, invoice, delivery ticket, or any other communication by AR, including information on AR's website or statements made by AR's employees or agents, constitute express warranties. Results of tests and recommendations included in communications of AR do not constitute express warranties. **MANY FACTORS MAY AFFECT THE USE AND PERFORMANCE OF AN AR PRODUCT IN A PARTICULAR APPLICATION, INCLUDING, AMONG OTHERS, THE PRODUCT SELECTED FOR USE, THE CONDITIONS IN WHICH THE PRODUCT IS USED, THE TIME AND ENVIRONMENTAL CONDITIONS IN WHICH THE PRODUCT IS EXPECTED TO PERFORM, THE MATERIALS TO BE USED WITH THE PRODUCT, THE SURFACE PREPARATION OF THOSE MATERIALS, AND THE APPLICATION METHOD FOR THE PRODUCT; THEREFORE, PURCHASER ACCEPTS RESPONSIBILITY FOR DETERMINING WHETHER AR'S PRODUCT IS FIT FOR A PARTICULAR PURPOSE AND SUITABLE FOR PURCHASER'S METHOD OF APPLICATION.** AR retains the right to modify or change its products if in AR's judgment it is advisable.

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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Internet: www.adhesivesresearch.com

Adhesives Research, Inc.
400 Seaks Run Road, P.O. Box 100
Glen Rock, PA 17327 USA
Toll-free: 800-445-6240
Phone: 717-235-7979
Fax: 717-235-8320

Adhesives Research Ireland Ltd.
Raheen Business Park
Raheen, Limerick
V94 VH22 Ireland
Phone: +353 61 300 300
Fax: +353 61 300 700

Adhesives Research Ltd.
United Kingdom
Phone: +44 (0)1371 878187

Adhesives Research Pte. Ltd.
60 Paya Lebar Road
#04-04 Paya Lebar Square
Singapore 409051
Phone: +65 6774 9580
Fax: +65 6777 7261

Adhesives Research China Co., Ltd.
703B Xin Da Mansion
#322 Xian Xia Road
Shanghai 200335, China
Phone: +86 21 6150 4358
Fax: +86 21 6278 5576