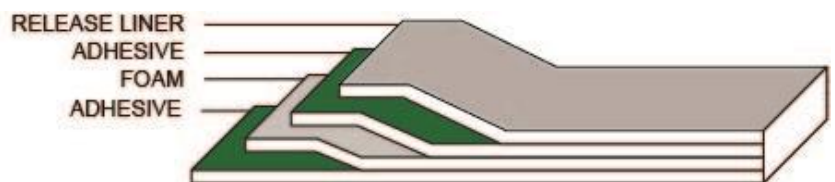


ARclad® 4000 series are double-coated, flexible, closed-cell polyethylene (PE) foam tapes with permanent acrylic based pressure-sensitive adhesive (PSA) on both sides.

PRODUCT APPLICATIONS

The typical use for these products is for glazing windows while featuring excellent UV resistance, cold flex and sealing characteristics. ARclad® 4000 series bond well to many plastics, vinyls, metals, construction materials, including glass and preserved wood.



FEATURES AND BENEFITS

- Certified AAMA 810.1, Expanded Cellular Glazing Tape, Type 1
- Resistant to humidity, moisture, and UV deterioration
- Easy application, quick application
- Enhanced bond to sash – vinyl and fiberglass in dry or wet conditions

GRADES

	<u>Black</u>	<u>White</u>	<u>Gray</u>
1/32" thick		4532	
1/16" thick	4416	4516	4716
3/32" thick			47332

Product Construction			
	Typical Values*		Description
Adhesive thickness	2.4 mil	61 µm	Acrylic adhesive
Carrier thickness	31.2 mil	794 µm	1/32" white PE foam carrier
	62.5 mil	1588 µm	1/16" black/white/gray PE foam carrier
	93.8 mil	2381 µm	3/32" gray PE foam carrier
Adhesive thickness	2.0 mil	51 µm	Acrylic adhesive
Liner thickness	4.0 mil	102 µm	-72: Blue double-sided polypropylene release liner
Total thickness	39.6-102.2 mil	1008-2595 µm	(Excluding liner)

*All stated values are nominal and should only be used as a guide for selection. They are not specifications.

Product Information Sheet

ARclad® 4000 Series



Technical Properties			
Attribute*	Typical Values*		Test Method*
Storage of unconverted product	70°F ± 20°F 50% ± 20% RH	21°C ± 11°C 50% ± 20% RH	
Shelf life of unconverted product	Not to exceed one year from date of manufacture		

* All stated values are nominal and should only be used as a guide for selection. They are not specifications.

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.

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.

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