

ARclad[®] 8748-72

Double-Coated Foam



Features

- high density 1/16" gray, closed cell, polyethylene foam
- aggressive acrylic adhesive
- both indoor and outdoor environment use
- 4 mil blue poly liner

Benefits

- uniform foam product thickness, dependable performance over liquid silicone products
- provides customer with superior adhesion to almost any surface
- minimize need for multiple tapes
- flexible liner allows for easy foam application to corners or arches without tearing

Applications

Suggested for bonding to many plastics, vinyls, metals and construction materials including glass and wood. Also, suggested for mounting muntins to windows and doors. Users should assure the product meets the specific needs of their application(s). Adhesives Research, Inc. 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

Composite:	65.4 mils
Liner:	<u>3.0 mils</u>
Total:	68.4 mils

Test Methods: PSTC-133

Adhesive Properties - Typical Values

180° Peel Adhesion/PET Support/12" min.
5'/SS - 60 oz./in.

Test Methods: PSTC-101, ASTM D-3330, ART #1005

Static Shear

Temperature	Area	Load	Minutes to Failure
72°F	1/2" x 1/2"	500 g.	>240'

Test Method: PSTC-107, ART #1011

Recommended Minimum Application Temperature: 50°F (10°C)
Maximum Operating Temperature: 175°F (80°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 10 June 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.

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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