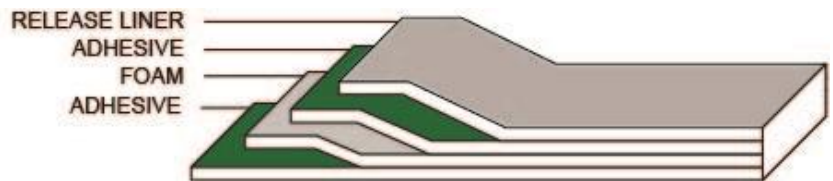


ARclad® 8626-78 is a high-performance double-coated tape with a high-performance acrylic adhesive on either side of a 1/32" closed cell polyethylene (PE) foam carrier.

**PRODUCT APPLICATIONS**

The typical use for this product is in situations where high-quality insulation or shock absorption is essential. Its applications include muntin applications, Simulated Divided Light (SDL) grilles, and shock absorbent pads for sensitive electronic components, including EV battery applications.



**FEATURES AND BENEFITS**

- Strongly adheres to a variety of substrates
- Good resistance to high temperatures, humidity, UV degradation, and ammonia and alcohol-base cleaner-resistant
- Silane coupling agent not required
- Excellent shock-absorbing and insulating properties

Product Construction			
	Typical Values*		Description
Liner thickness	3.0 mil	76 µm	Blue double-faced polypropylene release liner
Adhesive thickness	2.3 mil	58 µm	High-performance acrylic adhesive
Foam Carrier	31.2 mil	792 µm	Grey closed-cell PE foam smooth coat, 1/32" carrier
Adhesive thickness	2.3 mil	58 µm	High-performance acrylic adhesive
Total thickness	35.8 mil	908 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® 8626-78**



Technical Properties			
Attribute*	Typical Values*		Test Method*
Peel adhesion on stainless steel, air side (180°, 12 in/min, 1h dwell)	93 oz/in	25.9 N/25.4 mm	ASTM D3330
Peel adhesion on stainless steel, liner side (180°, 12 in/min, 1h dwell)	182 oz/in	50.6 N/25.4 mm	ASTM D3330
Static shear to stainless steel, both sides (23 °C, 0.25 in <sup>2</sup> , 500 g)	> 1500 min		ASTM D3654
Liner Release (180°, 300 in/min)	60 g/2 in		ASTM D5375
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.

# Product Information Sheet

## ARclad® 8626-78



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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