

ARclad® Premium Foam Tapes for General Industrial Applications



ARclad® Premium Foam Tapes are easy-to-apply, clean, safe, and our PSA tapes provide reliable, cost-effective solutions for general industrial joining applications.

Our ARclad® product line includes a wide variety of standardized foam tapes and high-performance tapes for demanding applications that require superior performance.

Introducing ARclad® 8626, ARclad® 8726, and ARclad® 8645 a stronger, higher performance EVA foam tape specifically designed to meet the rigorous demands presented by automotive, building & construction and general industrial applications.

Tests show this new addition to Adhesives Research's ARclad® line of double coated EVA foam tapes offer superior long-term performance in all areas relevant to its unique applications. Further, ARclad® 8626, ARclad® 8726, and ARclad® 8645 do not require a silane primer, eliminating the cost, risk, resources, and time associated with silane use.



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New windows of opportunity through expertise and innovation.

ARclad® 8626, ARclad® 8726, and ARclad® 8645 are the result of Adhesives Research taking a new approach to reengineering double coated foam tapes. By reviewing and rethinking everything from the application's unique stresses to the adhesive, foam, coating and process, we have developed a product that delivers an optimal balance of properties, including:

- Custom-developed polymer resists stress, fatigue, vibration, temperature cycling, moisture, cleaning solutions and UV.
- Highly conformable to a broad variety of surfaces, with excellent foam tape-to-surface wet-out.
- Superior wet-out seals out most contaminants, from the weather to cleaning solutions used before and after installation*.

*Citrus oil cleaners and muriatic acid brick treatment should be avoided with ARclad® 8626, ARclad® 8726, and ARclad® 8645.

Premier performance where it matters most.

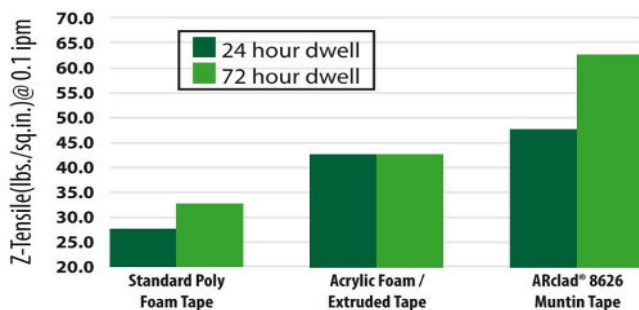
The product development process for ARclad® 8626, ARclad® 8726, and ARclad® 8645 began with a research phase. Our design team interviewed industrial manufacturers to determine the unique aspects of their respective application.

We discovered there is a degree of uncertainty in the marketplace.

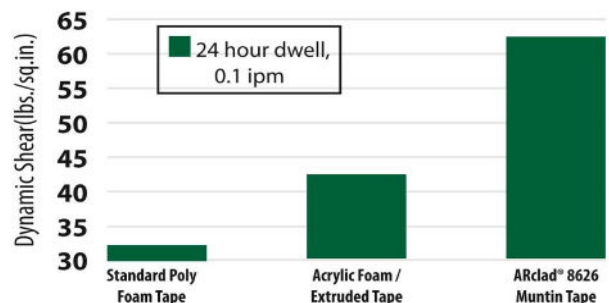
The question was, "Which product performance lab tests really matter in specific industrial applications?"

Adhesives Research has determined that two tests are most critical to evaluate a tape's capability to excel in an industrial application - Z-Tensile and Dynamic Shear.

Z-Tensile Strength



Dynamic Shear Strength



*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

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Product	Product Construction					
	Total Calliper (mills)	Adhesive	Foam Carrier	Foam Color	Adhesive	Liner
ARclad® 8626	35.6 mil	2.3 mil Acrylic	31 mil EVA Foam (1/32")	Grey	2.3 mil Acrylic	3.0 mil Blue Polypropylene
ARclad® 8726	35.6 mil	2.3 mil Acrylic	31 mil EVA Foam (1/32")	Black	2.3 mil Acrylic	3.0 mil Blue Polypropylene
ARclad® 8645	45.6 mil	2.3 mil Acrylic	41 mil EVA Foam (1/25")	Grey	2.3 mil Acrylic	3.0 mil Blue Polypropylene

Product	Substrate								
	Acrylic	Aluminium	Aluminium Composite Material (ACM)	Glass	Primed Wood	Wood	Polycarbonate	PVC	Polypropylene
ARclad® 8626	X	X	X	X	X	X	-	X	-
ARclad® 8726	X	X	X	X	X	X	-	X	-
ARclad® 8645	X	X	X	X	X	X	-	X	-

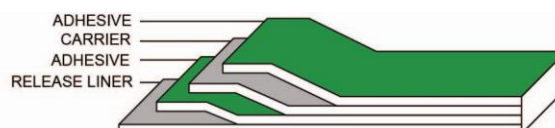
Our Pressure Sensitive Adhesive (PSA's) Technologies:

- Acrylic-Based Adhesives**

These systems are based on acrylic polymers. Acrylics are ideally suited for prolonged exposure and elevated temperatures, while offering solvent resistance and long-term aging stability. Acrylic adhesive systems can be compounded to have good balance of tack, peel and shear, and are most effective on high energy substrates.

Our PSA Tape Constructions:

- Double Coated Foam Tape**



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About Adhesives Research:

Adhesives Research is a permanently independent developer and manufacturer of adhesives and coatings for various markets.

We utilize our material knowledge, polymer synthesis/formulation expertise, and versatile manufacturing capabilities to supply key components to the industry.

We offer robust products and technologies and can also rapidly customize to meet the specific needs of an application.

Headquartered in Glen Rock, PA. Adhesives Research has also sales and manufacturing facilities in Ireland and sales offices in China and Singapore.

To learn more information about how Adhesives Research can help solve tape and materials engineering challenges, contact us today.



2024, Adhesives Research, Inc.

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