

ARclad® 7507 is a blue, self-wound, single face tape with an aggressive synthetic rubber adhesive.

PRODUCT APPLICATIONS

The typical uses for this product are roll finishing, core starting, single and double butt splices. This product bonds well to many substrates such as paper, plastics, glass and metal.



FEATURES AND BENEFITS

- Strong 50# extensible kraft paper backing
- Complies with 21CFR§175, 176 and 177 for Indirect Food Contact
- Bonds well to many surfaces in low surface energy plastics
- Visible blue color makes it easy to spot splices
- “Tearable” by hand, so no knife is required to cut the tape, safety improvement
- Extensibility benefits applications involving high tensions

Product Construction			
	Typical Values*		Description
Backing thickness	4.0 mil	102 µm	50#, blue extensible kraft paper
Adhesive thickness	2.5 mil	64 µm	Hot melt rubber adhesive
Total thickness	6.5 mil	166 µm	

Technical Properties			
Attribute*	Typical Values*		Test Method*
Peel adhesion on stainless steel	175 oz/inch	48.1 N/25mm	180 degrees, 12 ipm, 60 min. dwell
Static shear on stainless steel	> 30 minutes		½" x ½", 500 grams
Recommended 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® 7507



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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