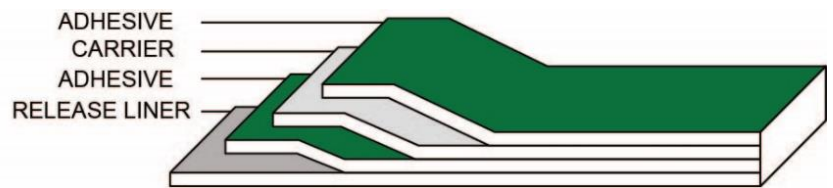


ARclad® 516, also known as “Ugly Tape”, is a clear, self-wound, double-sided tape with an aggressive rubber based adhesive and a white paper liner.

PRODUCT APPLICATIONS

The typical uses for this product are for flying splices, extrusion coating, core starting and zero speed splicing in the flexible film and food packaging industry. ARclad® 516 is used in conjunction with paster tabs for flying splices.



FEATURES AND BENEFITS

- Works well on a wide variety of films such as PE, PP, PET, nonwovens, Tyvek, foil laminates and many other substrates
- Good high speed splice performance
- Complies with 21CFR§175.105 for Indirect Food Contact
- Good cold temperature tack
- Resists moisture

Product Construction			
	Typical Values*		Description
Adhesive thickness	2.5 mil	64 µm	Clear, aggressive, rubber adhesive
Carrier thickness	1.0 mil	25 µm	Clear polyester film
Adhesive thickness	2.5 mil	64 µm	Clear, aggressive, rubber adhesive
Liner thickness	3.2 mil	81 µm	53# D/F white paper liner
Total thickness	6.0 mil	153 µm	(Excluding liner)

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

Technical Properties			
Attribute*	Typical Values*		Test Method*
Peel adhesion on stainless steel (both sides)	85 oz/inch	23.3 N/25mm	180 degrees, 12 ipm, 1 min. dwell
Peel adhesion on HDPE (both sides)	85 oz/inch	23.3 N/25mm	180 degrees, 12 ipm, 1 min. dwell
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.

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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