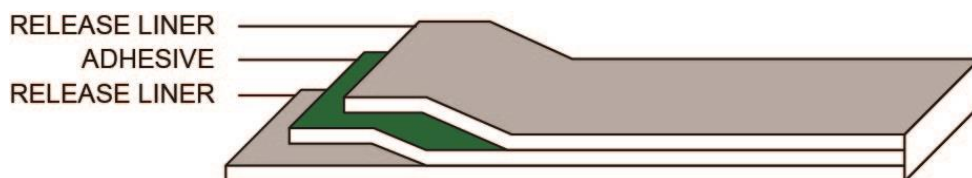


**ARcare® 93378 is an optically clear moisture barrier adhesive transfer film. ARcare® 93378 can only be sold at its original coated width due to the uncrosslinked nature of the adhesive unless Engineering is notified to modify the coating process.**

## **PRODUCT APPLICATIONS**

The typical use for this product is as a moisture barrier adhesive in various electronics and optical device applications. It is suitable for use in combination with high barrier films such as inorganically coated plastics.



## **FEATURES AND BENEFITS**

- 1 mil optically clear transfer film
- Hydrophobic adhesive with excellent UV stability
- Good adhesion to a variety of substrates
- Good moisture barrier properties, low equilibrium moisture uptake
- High (>99%) optical transmission, >95% clarity, <0.50% haze, non-yellowing
- High thermo-oxidative stability and chemical resistance

Product Construction			
	Typical Values*		Description
Liner thickness	2.0 mil	50 µm	Polyester release liner - easy
Adhesive thickness	1.0 mil	25 µm	Rubber based adhesive
Liner thickness	5.0 mil	125 µm	Polyester release liner - tight
Total thickness	1.0 mil	25 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

## ARcare® 93378



Technical Properties			
Attribute*	Typical Values*		Test Method*
Peel adhesion on stainless steel	~50 oz/inch	13.0 N/25mm	180°, 6 ipm, 1 hour dwell
Peel adhesion on glass	~60 oz/inch	15.6 N/25mm	
Release of liner - easy	~8 g/2"		180°, 300 ipm
Release of liner - tight	~40 g/2"		
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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