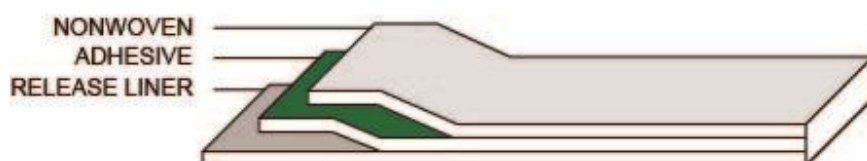


ARcare® 94220 is a medical grade pressure-sensitive adhesive coated on a white nonwoven fabric. The adhesive is skin-friendly and designed for medium-term wear applications.

PRODUCT APPLICATIONS

The typical use for this product is in the securing wearable devices for medium term wear (3-7 days). However, it may also be used in other skin bonding applications including in wound care or dressing attachment.



FEATURES AND BENEFITS

- Non-sensitizing adhesive
- Clean removal without leaving adhesive residue
- High moisture vapor transmission rate (MVTR)
- Excellent adhesion and conformability to skin
- Ultrasonically weldable and heat stakeable nonwoven carrier
- Heat resistant paper liner

Product Construction			
	Typical Values*		Description
Carrier thickness	11 mil	279 µm	Non-woven PET carrier
Adhesive thickness	2.6 mil	66 µm	MA-183 medical grade adhesive
Liner thickness	3.2 mil	81 µm	White paper liner
Total thickness	13.6 mil	345 µm	(Excluding liner)

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

SAFETY DATA

The base polymer of MA-183 has passed cytotoxicity, skin irritation and skin sensitization testing conducted by an independent laboratory. Additional safety information is available upon request.

Product Information Sheet

ARcare® 94220 (Developmental)



Technical Properties			
Attribute*	Typical Values*		Test Method*
Peel adhesion on stainless steel	55 oz/inch	15 N/25mm	90 degrees, 12 ipm, 15 min. dwell
Release of polyester liner	70 g/2"		90 degrees, 12 ipm
Moisture vapor transmission rate	> 500 g/m ² /day		Payne Cup Method, ART 4047
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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