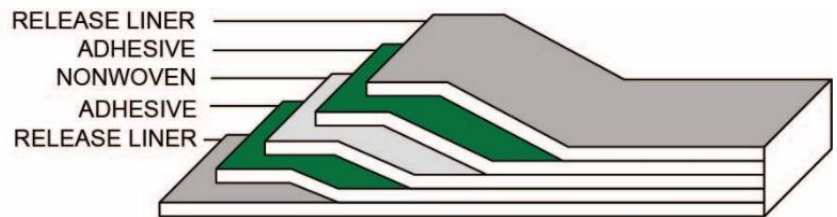


ARcare® 93691 is a double-sided medical grade pressure sensitive tape.

PRODUCT APPLICATIONS

The typical use for this product is to adhere medical devices to skin tapes.



FEATURES AND BENEFITS

- Biocompatible
- Non-irritating, non-toxic
- Excellent adhesion to low surface energy plastics
- Excellent adhesion to medical fabrics, such as nonwovens
- Suitable for active lifestyles with being breathable and water resistant

Product Construction			
	Typical Values*		Description
Liner thickness	2.0 mil	51 µm	D/F, white PET release liner
Adhesive thickness	1.6 mil	41 µm	AS-203, acrylic adhesive, skin tape side
Non-woven basis weight	8 gsm		White non-woven carrier
Adhesive thickness	1.3 mil	33 µm	MA-69, acrylic hybrid adhesive, device side
Liner thickness	3.0 mil	76 µm	S/F, Clear PET release liner
Total thickness	3.5 mil	90 µm	(Excluding liners)

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

SAFETY DATA

AS-203 and MA-69 are medical grade adhesives. These adhesives passed cytotoxicity and primary skin irritation tests conducted by an independent laboratory. Additional safety information is available upon request.

Technical Properties

Attribute*	Typical Values*		Test Method*
AS-203 side, peel adhesion on stainless steel	78 oz/inch	21.5 N/25mm	180 degrees, 12 ipm, 5 min. dwell
MA-69 side, peel adhesion on stainless steel	90 oz/inch	24.8 N/25mm	180 degrees, 12 ipm, 5 min. dwell
Release of 2 mil white D/F liner	30 g/2"		180 degrees, 300 ipm
Release of 3 mil clear S/F liner	45 g/2"		180 degrees, 300 ipm
MVTR (moisture vapor transmission rate)	200 g/ m ² / day		Payne Cup Method
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 720 days 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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