

ARcare® 7759

Clear Polyester Single-Sided Adhesive Tape



Insight®

Adhesives Research

PRODUCT DESCRIPTION

ARcare® 7759 is a clear, thin flexible plastic coated film coated on one side with a medical grade pressure-sensitive adhesive. The adhesive side of the tape is protected by a clear polyester release liner.

FEATURES

- Non-migratory acrylic adhesive
- Inert acrylic adhesive
- Flexible adhesive system
- Easily die cut

BENEFITS

- Allows lateral flow in membrane-based devices
- Compatible with many assays
- Excellent conformability
- Facilitates design options
- Suitable for sterilization processes

PRODUCT PROFILE AND DIAGRAM

Substrate:	1 mil clear polyester film
Adhesive:	AS-110 acrylic medical grade adhesive
Liner:	2 mil clear polyester release film



PROPERTIES

<u>ATTRIBUTE</u>	<u>NOMINAL VALUE*</u>
180° Peel Adhesion:	50 oz/in
Adhesive Thickness:	1.2 mils
Thickness Without Liner:	2.2 mils
Total Thickness:	4.2 mils

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

PRODUCT APPLICATIONS

Suggested for bonding, laminating and assembly of in-vitro diagnostic and related membrane-based immunoassay products. It is necessary, as with all pressure-sensitive tapes, that the surface to which the tape is to be applied be clean and dry. Users should test the product to ensure it meets the specific needs of their application(s). Adhesives Research can tailor the product to meet the needs of specific applications as requested by customers.

SAFETY DATA

AS-110 is an acrylic, pressure-sensitive adhesive. The adhesive has passed cytotoxicity and primary skin irritation test conducted by an independent laboratory. Additional safety information is available by accessing our Drug Master File or Device Master File.

STORAGE

Unconverted rolls should be stored at 70 °F ± 20 °F (21 °C) and 50% ± 20% relative humidity, out of direct sunlight.

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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.

WARRANTY AND DISCLAIMER

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