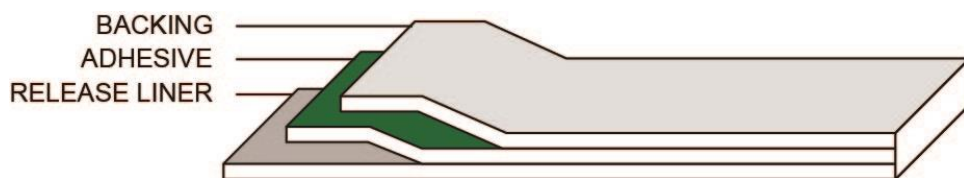


**ARcare® 7922 is a dead soft aluminum foil coated with a medical grade acrylic pressure-sensitive adhesive. This single-faced tape is protected by a kraft release paper.**

## **PRODUCT APPLICATIONS**

The typical uses for this product are for bonding, laminating and assembly of in-vitro diagnostic and related membrane-based immunoassay products. Other potential applications include Microtiter plate covers, diagnostic test strip sample area covers and as a protective cover during processing.



## **FEATURES AND BENEFITS**

- Instant adhesion to a variety of plastics
- Excellent for fluidic and lateral flow devices
- Compatible with reagents and target molecules
- Easily processed through cutting and punching operations

Product Construction			
	Typical Values*		Description
Carrier thickness	3.0 mil	76 µm	Dead soft aluminum film
Adhesive thickness	0.8 mil	20 µm	AS-110 medical grade adhesive
Liner thickness	3.2 mil	81 µm	53# off-white release paper
Total thickness	3.8 mil	96 µm	(Excluding liner)

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

## **SAFETY DATA**

AS-110 is an acrylic, pressure-sensitive adhesive. The adhesive was tested per ISO 10993 for cytotoxicity and primary skin irritation by an independent laboratory. Additional safety information is available upon request.

# Product Information Sheet

## ARcare® 7922



Technical Properties			
Attribute*	Typical Values*		Test Method*
Peel adhesion on stainless steel	63 oz/in	17.5 N/25mm	180 degrees, 12 ipm, 5 min dwell
Liner release	1 oz/in		180 degrees, 12 ipm
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 two years 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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