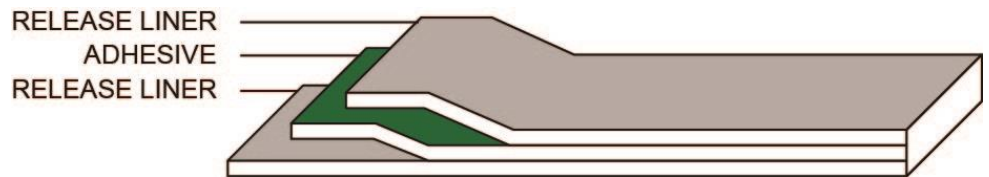


ARcare® 92524 is an acrylic, optically clear, pressure-sensitive adhesive transfer film protected by two polyester liners.

**PRODUCT APPLICATIONS**

The typical use for this product is as a general laminating adhesive for glass mounting and screen protection. It is not intended for use in contact with ITO surfaces or applications where corrosion is a concern.



**FEATURES AND BENEFITS**

- Optically clear acrylic adhesive
- Virtually defect free bonding
- Environmentally durable - resists temperature extremes, humidity and UV light
- Easy, mess-free processing and bonding
- Performs well when laminated to plastics such as PMMA or PC

| Product Construction |                 |       |   |
|----------------------|-----------------|-------|---|
|                      | Typical Values* |       | Description                             |
| Liner thickness      | 2.0 mil         | 50 µm | Clear polyester liner – easy release    |
| Adhesive thickness   | 1.0 mil         | 25 µm | AS-200 optically clear acrylic adhesive |
| Liner thickness      | 2.0 mil         | 50 µm | Clear polyester liner – medium release  |
| 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® 92524



| Technical Properties                       |  |                             |                                 |
|--|--|-----------------------------|---------------------------------|
| Attribute*                                 | Typical Values*                                  |                             | Test Method*                    |
| Peel adhesion to Stainless Steel           | ~50 oz/inch                                      | ~13.9 N/25mm                | 180 degrees, 12 ipm, 1 hr dwell |
| Peel adhesion to Glass                     | ~50 oz/inch                                      | ~13.9 N/25mm                | 180 degrees, 12 ipm, 1 hr dwell |
| Release of polyester liner (1)             | ~12 g/2"   |                             | 180 degrees, 300 ipm            |
| Release of polyester liner (2)             | ~75 g/2"   |                             | 180 degrees, 300 ipm            |
| Optical properties                         | T >99%, C >98%, H <0.5%                          |                             | Transmission, Clarity, Haze     |
| Recommended storage of unconverted product | 70°F ± 20°F<br>50% ± 20% RH                      | 21°C ± 11°C<br>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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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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