

# ARseal™ 8026

## Silicone Transfer Adhesive Tape

Insight®  
Adhesives Research

### PRODUCT DESCRIPTION

ARseal™ 8026 is a silicone transfer film adhesive between two polyester release liners designed for use in very high temperature and very low temperature applications with excellent long term stability.

### FEATURES

- High performance silicone adhesive
- Polyester release liner

### BENEFITS

- Outstanding high/low temperature performance
- Operating range of -73°C to 260 °C
- Tear resistant liner
- Excellent die cutting characteristics

### PRODUCT PROFILE AND DIAGRAM

Adhesive: SR-22 silicone adhesive  
 Liner: 2 mil clear polyester release film (both sides)



### PROPERTIES

<u>ATTRIBUTE</u>	<u>NOMINAL VALUE</u>
180° Peel Adhesion:	40 oz/in
Adhesive Thickness:	1 mil
Total Thickness:	5 mils

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

### PRODUCT APPLICATIONS

Suggested for flexible circuits, gaskets and heaters where a thin bond line is required. Users should assure the product 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.

### STORAGE AND SHELF LIFE

Six months when stored at 70 °F ± 20 °F, 50% ± 20% R.H.

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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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Internet: [www.adhesivesresearch.com](http://www.adhesivesresearch.com)

**Adhesives Research, Inc.**  
400 Seaks Run Road, P.O. Box 100  
Glen Rock, PA 17327  
Toll-free: 800-445-6240  
Phone: 717-235-7979  
Fax: 717-235-8320

**Adhesives Research Ireland Ltd.**  
Raheen Business Park, Limerick, Ireland  
Phone: +353 61 300 300  
Fax: +353 61 300 700

**Adhesives Research Ltd.**  
The Old Exchange, Mill Lane  
Great Dunmow, Essex, UK CM6 1BG  
Phone: +44 (0)1371 856300  
Fax: +44 (0)1371 856380

**Adhesives Research Pte. Ltd.**  
20 Maxwell Road  
#10-06 Maxwell House  
Singapore 069113  
Phone: +65 6774 9580  
Fax: +65 6777 7261

**Adhesives Research Shanghai Representative Office**  
Unit 3526A, Level 35 CITIC Square  
1168 West Nanjing Road  
Shanghai 200041, China  
Phone: +86 21 6150 4358  
Fax: +86 21 6135 7120