PRODUCT DESCRIPTION

ARclad® IS-7876 is a silicone transfer film adhesive between two polyester film 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
- Tear resistant liner
- Excellent die cutting characteristics

PRODUCT APPLICATIONS

Suggested for flexible circuits, gaskets and heaters when more surface irregularity is present or faster wet out is required. 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.

PRODUCT CONSTRUCTION – TYPICAL VALUES

Adhesive: 2.0 mils
Liners: 4.0 mils (2)
Total: 6.0 mils nominal

Test Methods
PSTC-133, ASTM D-1000

PRODUCT DIAGRAM

ADHESIVE PROPERTIES – TYPICAL VALUES

180° Peel Adhesion/2 mil PET support/12"/min.
5 min./SS - 55 oz./in.

Test Methods
PSTC-101, ASTM D-3330, ART #1005
**Product Information**

**ARclad® IS-7876**

**Silicone Transfer Adhesive**

**STATIC SHEAR**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Area</th>
<th>Load</th>
<th>Minutes to Failure</th>
</tr>
</thead>
<tbody>
<tr>
<td>72°F</td>
<td>2&quot; x 2&quot;</td>
<td>500 g.</td>
<td>240'</td>
</tr>
</tbody>
</table>

**Test Methods**

PSTC-107, ART #1011

**STORAGE AND SHELF LIFE**

One year from date of manufacture, preferably stored at 55°F (13°C) or below, 50% R.H. Product stored at room temperature for a long period of time may run a risk of liner confusion.

**SERVICE TEMPERATURE RANGES**

Recommended Minimum Application Temperature: 50°F (10°C)

Maximum Operating Temperature: 500°F (260°C)

Minimum Operating Temperature: -100°F (-73°C)

(Revised – 03/30/12)