ARclad® 7535-12 Double-Coated Film

GENERAL INFORMATION

ARclad® 7535-12 is a polyester film supported bonding tape coated both sides with an aggressive synthetic rubber based pressure-sensitive adhesive. ARclad® 7535-12 has excellent adhesion to most regular and low energy surfaces. Suggested for laminating, gasketing and splicing applications. 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.

FEATURES AND BENEFITS

Quick stick ..............................readily adheres to low energy surfaces

Conformable ..............................permits easy installation of gaskets and other flexible materials

Oily surface bondable .................will bond to surfaces covered with light machine oil

PRODUCT CONSTRUCTION - Typical Values*

| Composite | 3.7 mils |
| Liner     | 6.3 mils |
| Total     | 10.0 mils nominal |

Test Methods
PSTC-133, ASTM D-1000

ADHESIVE PERFORMANCE PROPERTIES - Typical Values*

180° Peel Adhesion/12”min.
5'/SS - 70 oz./in.

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

Static Shear

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Area</th>
<th>Load</th>
<th>Minutes to Failure</th>
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<tbody>
<tr>
<td>72°F</td>
<td>½&quot; x ½&quot;</td>
<td>500 g.</td>
<td>150’</td>
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Test Methods
PSTC-107, ART #1011

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

STORAGE AND SHELF LIFE

Unconverted product should be stored at 70°F ± 20°F (21°C ± 11°C) and 50% ± 20% relative humidity, out of direct sunlight. The shelf life of the product is not to exceed one year from date of manufacture.

SERVICE TEMPERATURE RANGE

Recommended Minimum Application Temperature: 50°F (10°C)
Maximum Operating Temperature: 350°F (177°C)
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.

(Revised 4 November 2009)

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 Adhesives Research sales representative if you need additional information.

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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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