

ARclad® products are easy-to-apply, clean, safe, and our PSA tapes provide reliable, cost-effective Splicing Tape solutions for the Pulp and Paper Industry.

Our ARclad® product line includes a wide variety of standardized and high-performance Splicing Tapes for demanding applications that require superior performance.

**Applications for ARclad® Splicing Tapes include:**

**Type of Splices:** Ideally suited for butt, overlap and flying splices as well as core starting, tabbing and finishing.

**Type of Substrates:** Specifically developed to have optimal performance on a wide variety of Paper substrates; coated, uncoated and specialty papers, tissues and towels.



## Splicing Tapes

- Single and Double-Face Splicing Tapes.
- Medium and High temperature range.
- Broad range of applications.

- Universal product constructions.
- Suitable for different manufacturing process.

| Product       | Product Construction |                        |               |        | Temperature Range |        |      | Applications |          |        |               |         |           | Indirect Food Contact |
|---------------|----------------------|------------------------|---------------|--------|-------------------|--------|------|--------------|----------|--------|---------------|---------|-----------|-----------------------|
|               |                      |                        |               |        |                   |        |      | Splice       |          |        | Start/Closure |         |           |                       |
|               | Liner                | Total Calliper (mills) | Carrier       | Colour | Low               | Medium | High | Butt         | Over lap | Flying | Cores         | Tabbing | Finishing |                       |
| ARclad® 0046W | 55# Paper            | 6.0                    | 52# XKL Paper | White  |                   | x      |      | x            |          |        | x             | x       |           | x                     |
| ARclad® 1763  | 55# Paper            | 6.0                    | 52# XKL Paper | Blue   |                   | x      |      | x            |          |        | x             | x       |           | x                     |
| ARclad® 2911  | 53# Paper            | 4.0                    | Tissue        | Clear  | x                 |        |      |              | x        | x      | x             |         | x         | x                     |
| ARclad® 8187  | 53# Paper            | 3.0                    | Tissue        | Green  |                   |        | x    |              | x        |        | x             |         | x         | x                     |
| ARclad® 8941  | 74# Paper            | 4.0                    | Tissue        | Aqua   |                   | x      |      |              | x        | x      | x             |         | x         | x                     |
| ARclad® 90683 | 53# Paper            | 3.0                    | Tissue        | Blue   |                   | x      |      |              | x        |        | x             |         | x         | x                     |

| Product       | Substrate    |                |                  |           |                |           |                      |
|---------------|--------------|----------------|------------------|-----------|----------------|-----------|----------------------|
|               | Coated Paper | Uncoated Paper | Speciality Paper | Newsprint | Tissues/Napkin | Towelling | Non-Woven/Filtration |
| ARclad® 0046W | X            | X              | X                | X         | X              | X         | X                    |
| ARclad® 1763  | X            | X              | X                | X         | X              | X         | X                    |
| ARclad® 2911  | X            | X              | X                |           |                |           | X                    |
| ARclad® 8187  | X            |                | X                | X         | X              | X         | X                    |
| ARclad® 8941  | X            | X              | X                |           |                |           | X                    |
| ARclad® 90683 | X            |                | X                |           |                |           |                      |

## Splicing Tapes

### Our Pressure Sensitive Adhesive (PSA's) Technologies:

- **Rubber-Based Adhesives**

Rubber-based adhesive systems are composed of natural or synthetic elastomers that have been tackified by the addition of various resins. These adhesives have good tack and shear properties on high and low energy substrates.

- **Acrylic-Based Adhesives**

These systems are based on acrylic polymers. Acrylics are ideally suited for prolonged exposure and elevated temperatures, while offering solvent resistance and long-term aging stability. Acrylic adhesive systems can be compounded to have good balance of tack, peel and shear, and are most effective on high energy substrates.

- **Heat-Activated Adhesives:**

Heat-Activated Adhesive systems require a defined period of time at elevated temperatures (normally 180°F /82°C) to achieve final bonding strength. Temperature, pressure and dwell time are used to affect a final cure and bond.

### Our PSA Tape Constructions:

- Transfer Tape



- Double Faced Tape



- Heat-Activated Tape



### About Adhesives Research:

Adhesives Research is a permanently independent developer and manufacturer of adhesives and coatings for various markets.

We utilize our material knowledge, polymer synthesis/formulation expertise, and versatile manufacturing capabilities to supply key components to the industry. We offer robust products and technologies and can also rapidly customize to meet the specific needs of an application.

Headquartered in Glen Rock, PA. Adhesives Research has also sales and manufacturing facilities in Ireland and sales offices in China and Singapore.

To learn more information about how Adhesives Research can help solve tape and materials engineering challenges, contact us today.



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