

ARclean® W-6000 is a 2 mil (51 µm) clear polyester release liner with an easy release, UV-cured coating on one side.

PRODUCT APPLICATIONS

The typical use for this product is as a support and protection film for pressure-sensitive adhesives (PSAs) and cast materials. ARclean® W-6000 is ideally suited for applications in medical and electronics where a clean and consistent removal of the release liner from the adhesive or coated material is required.

FEATURES AND BENEFITS

- Easy release from PSAs, including acrylic, rubber, hot melt, hydrocolloid, and others
- Easy release from cast materials, including elastomers, foams, ceramics, and dispersions
- Narrow, consistent release profile preventing adhesive confusion
- Green, environmentally friendly, solvent-free coatings
- Excellent thermal stability, aging resistance, and anchorage to the polyester base film
- Suitable for indirect skin and food contact, US FDA Drug Master File (21 CFR)
- Clean room application compatible
- Retains adhesion without silicone contamination



Product Information Sheet

ARclean® W-6000



| Technical Properties | | | |
|---|---|-----------------------------|--------------|
| Attribute* | Typical Values* | | Test Method* |
| Liner release (180°, 300 in/min, EL-8883) | 20 g/2 in | | ASTM D5375 |
| Core type† | Fiber | | |
| Wind† | UV-cured silicone-coated side in | | |
| Recommended storage of unconverted product | 70°F ± 20°F 50% ± 20% RH | 21°C ± 11°C 50% ± 20% RH | |
| Shelf life of unconverted product | Not to exceed one year from date of manufacture | | |

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

†Reflects master roll conformation.

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.

STORAGE OF LINERS

Customers should be aware of specific product shelf life. Shipping and storage conditions affect shelf life. The optimum storage temperature is 70°F (21°C). Cool, dry storage is recommended.

Consult your Adhesive Research sales representative if you need additional information.

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