

W-4001 is a 2 mil (50 micron) clear polyester release liner with an easy release, thermally-cured, solventless silicone coating on one side and is printable opposite. W-4001 is ideally suited for applications in medical and electronics where clean and consistent removal of the release liner from the adhesive or coated material is required.

PRODUCT APPLICATIONS

The typical use for this product is as a release liner support and protection film for PSAs and cast materials requiring easy release. Applications include specialty die cut adhesives and labels, engineered tapes, skin friendly adhesives, medical devices, and electronics.

FEATURES AND BENEFITS

- Easy release from PSAs, including acrylic, rubber, hot melt, hydrocolloids, and cast materials including foams, ceramics and dispersions
- Stable release properties with no “lock up” and consistent release force run-to-run
- Narrow and consistent release profile that prevents adhesive confusion
- No loss of adhesion and backside printability properties due to silicone contamination
- Chemistry and process assures excellent thermal stability, aging resistance and anchorage to polyester base film
- Green, eco-friendly solventless coatings
- Suitable for indirect skin and food contact, included in US FDA Drug Master File (21 CFR)
- Compatible with clean room applications
- Polyester base offers a non-stretchable, dimensionally stable, flat, smooth surface with excellent die-cut properties
- Narrow width slitting to 1” available



Product Information Sheet

W-4001



Technical Properties			
Attribute*	Typical Values*		Test Method*
Liner release ¹	~10 grams/2 inch		180 degree, 300 ipm
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 two years from date of manufacture		

¹Utilizing AR EL-8883 acrylic test tape.

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

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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