

W-10004 is a 3 mil (75 micron) clear polyester release liner with an easy fluorosilicone release coating on one side.

PRODUCT APPLICATIONS

The typical use for this product is as a secondary or lay-in liner for medical and electronic applications where clean and consistent removal of the silicone based adhesives or coated material is required.

FEATURES AND BENEFITS

- Easy release from silicone based pressure-sensitive adhesives (PSAs)
- Easy release from cast materials including elastomers, foams, ceramics, and dispersions
- Stable release properties over time with consistent release force run after run
- Clean room production with on-line defect detection
- Green, ecofriendly solvent-less coatings
- Chemistry and process assures excellent thermal stability, aging resistance, and anchorage to polyester base film
- Stable release over time with no “lock-up”

Technical Properties			
Attribute*	Typical Values*		Test Method*
Liner release ^{1*}	25 grams/2 inch		180 degrees, 300 ipm
Liner release ^{2*}	4 grams/2 inch		180 degrees, 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 one year from date of manufacture		

¹Utilizing EL8883 acrylic test tape. ²Utilizing IS8026 silicone test tape.

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

Product Information Sheet

W-10004



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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