

ARclean® W-10004 is a 3 mil (76 µm) clear polyester release liner with an easy release, thermally cured, and solventless fluorosilicone coating on one side.

PRODUCT APPLICATIONS

The typical use for this product is as a secondary or lay-in liner in medical and electronic applications, where reliable and consistent removal of silicone-based adhesives or coated materials 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
- Narrow, consistent release profile preventing adhesive confusion
- Stable release properties, no “lock-up,” and consistent release force over time
- Green, environmentally friendly, solvent-free coatings
- Excellent thermal stability, aging resistance, and anchorage to the polyester base film
- Clean room application compatible



Product Information Sheet

ARclean® W-10004



Technical Properties			
Attribute*	Typical Values*		Test Method*
Liner release ^{1*}	25 grams/2"		180 degrees, 300 ipm
Liner release ^{2*}	4 grams/2"		180 degrees, 300 ipm
Recommended storage of unconverted product	70°F ± 20°F 50% ± 20% RH	21°C ± 11°C 50% ± 20% RH	
Core type†	Fiber		
Wind†	Release coated side in		
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.

†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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