

ARclean[®] W-4026 is a 2 mil (51 μ m) clear polyester release liner with an <u>easy release</u>, thermally cured, and solventless silicone coating on one side. The release coating on ARclean[®] W-4026 is formulated and designed to be ultra-clean and have ultra-low extractables.

PRODUCT APPLICATIONS

The typical use for this product is for support and protection of pressure sensitive adhesives (PSAs) requiring easy release with practically zero extractable silicone. ARclean[®] W-4026 is ideally suited for applications in medical and electronics where ultra-low contamination is required, including internal hard disc drive applications.

FEATURES AND BENEFITS

- Ultra-low extractable silicone surface prevents silicone contamination
- Excellent thermal stability, aging resistance and anchorage to polyester base film
- Green, environmentally friendly, solvent-free coatings
- Free of PFAS (per- and polyfluoroalkyl substances)
- Suitable for indirect skin and food contact, US FDA Drug Master File (21 CFR)
- Retains adhesion and backside printability without silicone contamination



Product Information Sheet ARclean[®] W-4026



Technical Properties			
Attribute*	Typical Values*		Test Method*
Liner release (180°, 300 in/min, EL-90233)	18 grams/2"		ASTM D5375
Extractable Silicone Release Side Back Side	4 ng/cm ² (Range <20 ng/cm ²) 3 ng/cm ² (Range <20 ng/cm ²)		FTIR Extractable Silicones
Ionic Contamination Specification Limits (µg/cm ²)	 ≤0.05 - Fluoride, Chloride, Nitrite, Bromide, Nitrate, Phosphate, Sulfate, ≤0.20 - Total Anions (7) ≤0.16 - Ammonium, ≤0.20 - Total Cations (6) 		Ion Chromatography
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 two years from dat		te of manufacture

[†]Reflects master roll conformation.

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

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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.

THIS IS NOT AN OFFER

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North America – Headquarters

Adhesives Research, Inc. 400 Seaks Run Road Glen Rock, PA 17327 Phone: +1 (717) 235-7979 Toll-free: +1 (800) 445-6240 Fax: +1 (717) 235-8320 Europe Adhesives Research Ireland, Ltd. Raheen Business Park Raheen, Limerick V94 VH22 Ireland Phone: +353 61 300 300 Fax: +353 61 300 700

China

Adhesives Research China Co., Ltd. Room 2710-2711, Building B Far Glory International Square No. 317 Xianxia Road Shanghai, China 200051 Phone: +86 (21) 6150 4358 Fax: +86 21 6278 5576 (10 October 2023)

Singapore

Adhesives Research PTE Ltd. 1 Paya Lebar Link #04-01 Paya Lebar Quarter 1 Singapore 408533 Phone: +65 6955 8528 Fax: +65 6777 7261

www.adhesivesresearch.com