

WestRock

# PharmaLock™ Easy Seal+

**A wider range of applications.**

**A lower risk of damage.**

WestRock PharmaLock™ Easy Seal+ is engineered to seal to a broad range of high-barrier blister foils and films, including Honeywell's Aclar®. And since it seals at a lower temperature, you can minimize the risk of damaging product. PharmaLock Easy Seal+ is a patented, extrusion-coated, heat-sealable paperboard. It's designed specifically for fold-over blister card applications such as pharmaceutical products that require child-resistant yet senior-friendly features. A smooth, uniform printing surface delivers high-impact graphics. When seeking supreme versatility, turn to PharmaLock Easy Seal+.

## Packaging Uses

Beauty and  
Personal Care

Healthcare

Home and Garden

Media and  
Electronics

## Product Classification

Polymer-Coated

Solid Bleached  
Sulfate

SBS Paperboard

GZ

## What You Can Expect from Us

### Ultimate Flexibility

Delivers superior adhesion to a wide variety of films and foils for broader packaging applications, including PVA, PVDC-coated, PVC PET, and polystyrene. It's also compatible with Honeywell's Aclar, an increasingly popular barrier film used in pharmaceutical packaging.

### Low-Temperature Seal

Effectively seals at a lower temperature than competitive alternatives. This minimizes the risk of product damage and reduces ink degradation.

### Line Speed

You can expect dwell times that are up to 20% less than other heat-seal coatings. In turn, expect to see improved throughput and decreased costs.

### Product Uniformity

A smooth surface delivers outstanding ink holdout and best-in-class consistency for optimal printability. Polymer coat-weight uniformity offers improved efficiencies and maximum throughput on high-speed forming and filling equipment.

### Simplified Converting

Direct printing on the board eliminates the need to apply a heat-seal coating. This improves converting efficiency and reduces inventory costs.

## Additional Product Information

### Sustainability

All WestRock North American paperboard mills are certified to the SFI®, PEFC™, FSC™ Chain of Custody Standards. Contact your WestRock sales representative for certified fiber availability for this product.

### Food Contact

Meets multiple national requirements for food contact packaging, e.g., US and Canada. Contact your sales representative for information on specific markets and end uses.

### Quality

Produced at an ISO 9001 certified facility.

### Environmental and Safety

Notices under US California Proposition 65 and the EU REACH regulation are not required.

Elemental chlorine free (ECF) bleached fiber.

Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

## Grade Availability & Typical Properties (U.S.)

PharmaLock™ Easy Seal+

Grade Availability by Caliper							Units	Method	Tolerance	
<b>Caliper (pts)</b>	0.010	0.012	0.014	0.016	0.018	0.024	inches	T-411	+/- .001	
<b>Nominal Basis Weight</b>	124	145	163	182	199	250	lbs/3000 sq ft	T-410		
<b>Moisture</b>	5.3	5.3	5.3	5.6	5.6	5.6	percent	T-412		
<b>Internal Bond</b>	75	65	70	70	70	80	.001 ft-lb/ sq in	T-569		
<b>Stiffness</b>										
<b>Taber 15°</b>	<b>MD</b>	55	85	120	170	220	440	gf-cm	T-489	+/- 15%
	<b>CD</b>	25	45	60	95	120	230	gf-cm	T-489	+/- 15%
<b>Coated Side</b>										
<b>GE Brightness</b>	86	86	86	86	86	86	percent	T-452		
<b>Parker Print</b>	1.0	1.0	1.0	1.2	1.2	1.2	µm	T-555		
<b>ZDT</b>	60	52	47	40	40	40	psi	T-541		
<b>Color</b>										
<b>Hunter</b>	<b>L</b>	93	93	93	93	93	93	L-a-b	T-524	
	<b>a</b>	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524	
	<b>b</b>	1.5	1.5	1.5	1.5	1.5	1.5	L-a-b	T-524	

Values are for basestock only; for nominal basis weight including polymer, add 14 lbs/3000 sq ft.

## Grade Availability & Typical Properties (Metric)

Grade Availability by Weight							Units	Method	Tolerance	
<b>Thickness</b>	254	305	356	406	457	610	microns	T-410	+/-25.4	
<b>Nominal Basis Weight</b>	202	236	265	296	324	407	gsm	T-411		
<b>Moisture</b>	5.3	5.3	5.3	5.6	5.6	5.6	percent	T-412		
<b>Internal Bond</b>	120	137	147	147	147	168	J/m <sup>2</sup>	T-569		
<b>Stiffness</b>										
<b>Taber 15°</b>	<b>MD</b>	5.4	8.3	11.8	16.7	21.6	43.1	mNm	T-489	+/- 15%
	<b>CD</b>	2.5	4.4	5.9	9.3	11.8	22.6	mNm	T-489	+/- 15%
<b>Coated Side</b>										
<b>GE Brightness</b>	86	86	86	86	86	86	percent	T-452		
<b>Parker Print</b>	1.0	1.0	1.0	1.2	1.2	1.2	µm	T-555		
<b>ZDT</b>	414	359	324	276	276	276	kPa	T-541		
<b>Color</b>										
<b>Hunter</b>	<b>L</b>	93	93	93	93	93	93	L-a-b	T-524	
	<b>a</b>	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524	
	<b>b</b>	1.5	1.5	1.5	1.5	1.5	1.5	L-a-b	T-524	

Values are for basestock only; for nominal basis weight including polymer, add 23 gsm.

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at [westrock.com](http://westrock.com).

The information contained in this Product Guide is accurate to the best of WestRock's knowledge and belief. It is intended, however, only as an introduction to the typical properties of the product. WestRock disclaims any guarantee or warranty with respect to the accuracy of this information or, based on this document, with respect to the suitability of the product for any particular use, including, but not limited to, the compliance of the product with laws, regulations, or standards. This information is subject to change without notice.

Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCOC-6S751, FSC Company Code: FSC-C104002

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