

WestRock

# PharmaLock™ Easy Seal

## High-impact graphics and greater efficiency.

WestRock PharmaLock™ Easy Seal delivers the graphic qualities you want at a temperature that minimizes risk. This patented, extrusion-coated, heat-sealable paperboard is made specifically for fold-over blister card applications. It features a smooth, uniform printing surface for high-impact graphics. Our proprietary backside coating enables sealing at lower temperatures and higher speeds than conventional coatings. Not only is PharmaLock Easy Seal capable, it's also versatile. It is ideal across a broad array of heat-seal applications, especially in the pharmaceutical market for use in child-resistant, senior-friendly blister card applications.

### 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

- Low-Temperature Seal** Seals at a lower temperature than competitive alternatives, resulting in minimized risk of product damage and reduced ink degradation.
- Line Speed** Dwell time is up to 20% less than other heat-seal coatings. So you can expect improved yields, throughput and decreased costs.
- Structural Integrity** Its rigidity makes it perfect for fold-over, tamper-evident blister packaging. A polymer coating on the felt side offers a completely sealed surface. You can also expect excellent folding and scoring properties.
- Product Uniformity** A smooth surface provides 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	0.020	0.024	0.028		inches	T-411	+/- .001
<b>Nominal Basis Weight</b>	124	145	163	182	199	212	250	284		lbs/3000 sq ft	T-410	
<b>Moisture</b>	5.3	5.3	5.3	5.6	5.6	5.6	5.6	5.6		percent	T-412	
<b>Internal Bond</b>	75	65	70	70	70	75	75	75		.001 ft-lb/ sq in	T-569	
<b>Stiffness</b>												
<b>Taber 15°</b>	<b>MD</b>	55	85	120	170	220	280	440	550	gf-cm	T-489	
	<b>CD</b>	25	45	60	95	120	155	230	290	gf-cm	T-489	
<b>Coated Side</b>												
<b>GE Brightness</b>	86	86	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	1.2	1.2		µm	T-555	
<b>ZDT</b>	60	52	47	45	40	40	40	40		psi	T-541	
<b>Color</b>												
<b>Hunter</b>	<b>L</b>	93	93	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	-0.8	-0.8	L-a-b	T-524	
	<b>b</b>	1.5	1.5	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 9 lbs/3000 sq ft.

## Grade Availability & Typical Properties (Metric)

Grade Availability by Weight										Units	Method	Tolerance
<b>Thickness</b>	254	305	356	406	457	508	610	711		microns	T-411	+/-25.4
<b>Nominal Basis Weight</b>	202	236	265	296	324	345	407	462		gsm	T-410	
<b>Moisture</b>	5.3	5.3	5.3	5.6	5.6	5.6	5.6	5.6		percent	T-412	
<b>Internal Bond</b>	120	137	147	147	147	158	158	158		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	27.5	43.1	53.9	mNm	T-489	
	<b>CD</b>	2.5	4.4	5.9	9.3	11.8	15.2	22.6	28.4	mNm	T-489	
<b>Coated Side</b>												
<b>GE Brightness</b>	86	86	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	1.2	1.2		µm	T-555	
<b>ZDT</b>	414	359	324	276	276	276	276	276		kPa	T-541	
<b>Color</b>												
<b>Hunter</b>	<b>L</b>	93	93	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	-0.8	-0.8	L-a-b	T-524	
	<b>b</b>	1.5	1.5	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 15 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

© 2019 WestRock Company. WestRock® and PharmaLock™ are trademarks of WestRock Company. All rights reserved worldwide.

