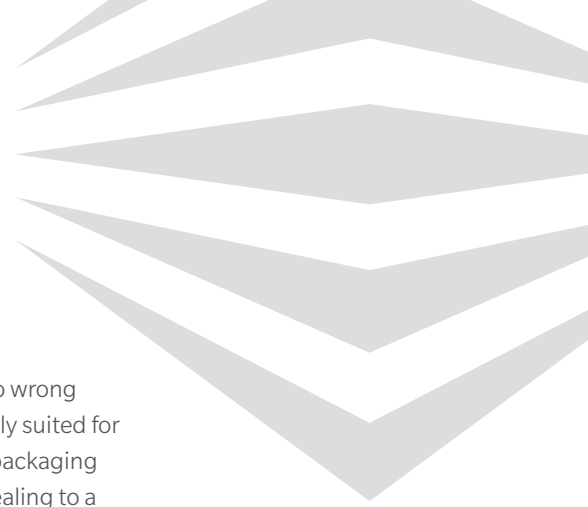


WestRock
PharmaLock™ Endurance
**For blister packs that please seniors
and protect children.**



When it comes to packaging that is both senior-friendly and child-resistant, you can't go wrong with patented WestRock PharmaLock™ Endurance. This durable paperboard is especially suited for fold-over pharmaceutical blister card applications where added theft or child resistant packaging designs is crucial. From a production standpoint, PharmaLock Endurance allows heat sealing to a wide range of blister foils and films, including Honeywell's Aclar®.

Packaging Uses

Beauty and
Personal Care

Healthcare

**Product
Classification**

Solid Bleached
Sulfate

SBS Paperboard

GZ

What You Can Expect from Us

- Tear Resistance** Combines the rigidity of paperboard with the tear-resistance of a proprietary extrusion lamination. It performs well when used with child-resistant packaging designs
- Polymer Coating Polymer** Offers completely sealable surfaces, unlike competitive products that simply trap the thermoformed blister.
- Aclar Compatible** Consistently seals to Honeywell's Aclar, a barrier film increasingly used in pharmaceutical packaging. It also offers superior adhesion to a wide variety of films and foils for broader packaging applications, including PVC, PVDC-coated, PVC PET and polystyrene.
- Low-Temperature Seal** Effectively seals at lower temperatures than competitive alternatives. This increases line speed, minimizes product damage risks and reduces ink degradation.
- Product Uniformity** A smooth surface delivers outstanding ink holdout and best-in-class print consistency. Ideal for promotional messages, graphics and compliance information on fold-over packaging.
- Converting Simplicity** Eliminates the need to apply heat-seat coating, which 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.
- 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™ Endurance

Grade Availability by Caliper					Units	Method	Tolerance	
Caliper (pts)	0.010	0.012	0.014	0.018	inches	T-411	+/- .001	
Nominal Basis Weight	124	145	163	199	lbs/3000 sq ft	T-410		
Moisture	5.3	5.3	5.3	5.6	percent	T-412		
Internal Bond	75	65	70	70	.001 ft-lb/sq in	T-569		
Stiffness								
Taber 15°	MD	60	85	120	220	gf-cm	T-489	+/- 15%
	CD	30	45	60	120	gf-cm	T-489	+/- 15%
Coated Side								
GE Brightness	86	86	86	86	percent	T-452		
Parker Print	1.0	1.0	1.0	1.2	µm	T-555		
ZDT	60	52	47	40	psi	T-541		
Color								
Hunter	L	93	93	93	93	L-a-b	T-524	
	a	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524	
	b	1.5	1.5	1.5	1.5	L-a-b	T-524	

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight					Units	Method	Tolerance	
Thickness	254	305	356	457	microns	T-411	+/- 25.4	
Nominal Basis Weight	201.9	236	265	324	gsm	T-410		
Moisture	5.3	5.3	5.3	5.6	percent	T-412		
Internal Bond	158	137	147	147	J/m2	T-569		
Stiffness								
Taber 15°	MD	5.9	8.3	11.8	21.6	mNm	T-489	+/- 15%
	CD	2.9	4.4	5.9	11.8	mNm	T-489	+/- 15%
Coated Side								
GE Brightness	86	86	86	86	percent	T-452		
Parker Print	1.0	1.0	1.0	1.1	µm	T-555		
ZDT	413	358	324	276	kPa	T-541		
Color								
Hunter	L	93	93	93	93	L-a-b	T-524	
	a	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524	
	b	1.5	1.5	1.5	1.5	L-a-b	T-524	

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at 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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