

PharmaLock® Endurance

PRODUCT GUIDE

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 Smurfit 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®.

Features

- Tear resistance
- Polymer coating
- Aclar compatible
- Low-temperature seal
- Product uniformity
- Converting simplicity

Benefits

- Combines the rigidity of paperboard with the tear-resistance of a proprietary extrusion lamination. It performs well when used with child-resistant packaging designs.
- Offers completely sealable surfaces, unlike competitive products that simply trap the thermoformed blister.
- 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.
- Effectively seals at lower temperatures than competitive alternatives. This increases line speed, minimises product damage risks and reduces ink degradation.
- 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.
- Eliminates the need to apply heat-seal coating, which improves converting efficiency and reduces inventory costs.

Additional product information

Sustainability

- 100% PEFC Certified - NQA-PEFC-COC-0332. Contact your Smurfit Westrock sales representative for certified fibre availability for this product.
- Certified to Chain of Custody Standards
 - SFI, PEFC/29-31-216
 - FSC C104002

Quality

- Manufactured in a Smurfit Westrock North American facility certified under ISO 9001, ensuring consistent quality management standards.

Environmental and Product Safety

- Notices under US California Proposition 65 and the EU REACH regulation are not required.
- Elemental chlorine free (ECF) bleached fibre.
- Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

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Applications

- Beauty and Personal Care
- Healthcare

Product classification

- Polymer-coated
- Solid bleached sulphate
- SBS paperboard
- GZ

Region

- EMEA (Europe, the Middle East and Africa)

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Grade availability (EMEA) and typical board properties

Grade availability					Units	Method	
Nominal basis weight	202	236	265	324	gsm	T-410	
Caliper (pts)	0.010	0.012	0.014	0.018	inches	T-411	
Thickness	254	305	356	457	microns	T-411	
Moisture content	5.3	5.3	5.3	5.6	percent	T-412	
Internal bond	158	137	147	147	J/m ²	T-569	
ZDT	414	359	324	276	kPa	T-541	
Stiffness							
Taber 15°	MD	5.9	8.3	11.8	21.6	mNm	T-489
	CD	2.9	4.4	5.9	11.8	mNm	T-489
Coated side							
GE brightness	86	86	86	86	percent	T-452	
Parker Print	1.0	1.0	1.0	1.2	µm	T-555	
Colour							
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 for basestock only; for nominal basis weight including polymer, add 56 gsm. Metric values are calculated through standard unit conversions and are provided for informational reference. Values are subject to change without notice.

For more information, please contact your Smurfit Westrock representative or visit our website at [smurfitwestrock.com](https://www.smurfitwestrock.com).

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