

# PharmaLock® Easy Seal+

PRODUCT GUIDE

## A wider range of applications. A lower risk of damage.

Smurfit 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 minimise 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+.

### Features

- Ultimate flexibility
- Low-temperature
- Seal
- Line speed
- Product uniformity
- Simplified converting

### Benefits

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

- 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
- Home and Garden
- Media and Electronics

### 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	
<b>Nominal basis weight</b>	202	236	265	296	324	407	gsm	T-410	
<b>Caliper (pts)</b>	0.010	0.012	0.014	0.016	0.018	0.024	inches	T-411	
<b>Thickness</b>	254	305	356	406	457	610	microns	T-411	
<b>Moisture content</b>	5.3	5.3	5.3	5.6	5.6	5.6	percent	T-412	
<b>Internal bond</b>	158	137	147	147	147	158	J/m <sup>2</sup>	T-569	
<b>ZDT</b>	414	359	324	276	276	276	kPa	T-541	
<b>Stiffness</b>									
<b>Taber 15°</b>	<b>MD</b>	5.4	8.3	11.8	16.7	21.6	43.2	mNm	T-489
	<b>CD</b>	2.5	4.4	5.9	9.3	11.8	22.6	mNm	T-489
<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>Colour</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. 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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