

# Printkote® Endurance PTHS

## 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 Printkote 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, Printkote 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.)

## Printkote® Endurance PTHS

Grade Availability by Caliper								Units	Method	Tolerance	
<b>Caliper (pts)</b>	0.010	0.012	0.014	0.015	0.016	0.017	0.018	inches	T-411	+/- .001	
<b>Nominal Basis Weight</b>	124	145	163	172	182	187	199	lbs/3000 sq ft	T-410		
<b>Moisture</b>	5.3	5.3	5.3	5.5	5.6	5.5	5.6	percent	T-412		
<b>Internal Bond</b>	75	65	70	70	70	70	70	.001 ft-lb/sq in	T-569		
<b>Stiffness</b>											
<b>Taber 15°</b>	<b>MD</b>	60	85	120	150	170	190	220	gf-cm	T-489	+/- 15%
	<b>CD</b>	30	45	60	85	95	105	120	gf-cm	T-489	+/- 15%
<b>Coated Side</b>											
<b>GE Brightness</b>	86	86	86	86	86	86	86	percent	T-452		
<b>Parker Print</b>	1.0	1.0	1.0	1.1	1.1	1.2	1.2	µm	T-555		
<b>ZDT</b>	60	52	47	45	45	40	40	psi	T-541		
<b>Color</b>											
<b>Hunter</b>	<b>L</b>	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	L-a-b	T-524	
	<b>b</b>	1.5	1.5	1.5	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	
<b>Thickness</b>	254	305	356	381	406	432	457	microns	T-411	+/- 25.4	
<b>Nominal Basis Weight</b>	201.9	236	265	280	296	304	324	gsm	T-410		
<b>Moisture</b>	5.3	5.3	5.3	5.5	5.6	5.5	5.6	percent	T-412		
<b>Internal Bond</b>	158	137	147	147	147	147	147	J/m2	T-569		
<b>Stiffness</b>											
<b>Taber 15°</b>	<b>MD</b>	5.9	8.3	11.8	14.7	16.7	18.6	21.6	mNm	T-489	+/- 15%
	<b>CD</b>	2.9	4.4	5.9	8.3	9.3	10.3	11.8	mNm	T-489	+/- 15%
<b>Coated Side</b>											
<b>GE Brightness</b>	86	86	86	86	86	86	86	percent	T-452		
<b>Parker Print</b>	1.0	1.0	1.0	1.1	1.1	1.2	1.1	µm	T-555		
<b>ZDT</b>	413	358	324	310	310	276	276	kPa	T-541		
<b>Color</b>											
<b>Hunter</b>	<b>L</b>	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	L-a-b	T-524	
	<b>b</b>	1.5	1.5	1.5	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](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

© 2016 WestRock Company. WestRock™ and Printkote® are trademarks of WestRock Company. All rights reserved worldwide.

