

Candesce® GablePak®

Pure Performance.

More than 60 years experience in supplying the Japanese Liquid Packaging industry has earned Clearwater Paper the reputation for industry leading functionality, graphic quality and cleanliness. But consistent quality and cleanliness is not enough - a commitment to continuous improvement is required. Our commitment to continuous improvement exceeds our competition. Candesce® GablePak® embodies the Kaizen approach to reducing process variation.

Product Uses

- Dairy products such as milk and creams
- Fruit juices
- Sake, tea, wine and health drinks
- Non-beverage uses such as candy, sugar and pasta salads

Features and Benefits

100% virgin SBS fiber	Made of virgin SBS pulp to eliminate impurities, our fiber procurement limits entrance of undesired foreign matter.
Performance and superior utility	Our three-ply 100% softwood fiber provides long, strong fibers for superior strength and durability. Our proprietary sheet construction ensures our paperboard will withstand transportation and refrigerator condensation.
Unmatched cleanliness	Our web inspection system monitors spots down to 0.3 mm in size, allowing us to continuously improve our cleanliness levels and provide you with an ever purer product.
Run-to-run consistency	Clearwater Paper's run-to-run consistency increases converting and filling line efficiency.
Great printability	Our smooth surface allows high-quality printing for high-impact point-of-purchase shelf appeal.
Consistent cream or blue-white shade	Candesce GablePak offers you a choice of colors. Available in cream or blue-white it has been engineered for color stability and consistency across any color palette. Candesce GablePak delivers crisper colors and sharper contrast while maintaining optimal color fidelity.
Dairyman's Standard compliant	We meet or exceed the Dairyman's Standard - which restricts bacteria colonies allowed in liquid packaging. Additionally, all Candesce products are produced without the use of optical brighteners (OBA), and Candesce GablePak carries no FDA restrictions for food contact applications.
Optional polyethylene extrusion	Candesce GablePak can be purchased as base stock or polyethylene-extruded in matte and mirror finishes in customized weights to meet customer specific needs. Poly treatment is also available to permit printing and gluing of poly surfaces.
Sustainability with FSC or SFI certification	Natural wood fiber is a renewable resource that can be easily recycled. Candesce GablePak comes with either FSC or SFI chain-of-custody certification ensuring that the fiber used was harvested from sustainable, well-managed forests.

Typical Values

English (mils, lbs/3msf)	nominal	13.5-156	14.5-159	16-175	17-207	17.7-197	18.210	19.0-246	21-235	21-260	23.270	26-295	27-285
Caliper	Mils	13.5	14.5	16	17	17.7	18	19	21	21	23	26	27
Basis Weight	Lbs/3msf	156	159	175	207	197	210	210	235	260	270	295	285
Brightness	ISO	80	80	80	80	80	80	80	80	80	80	80	80
b" Color Cream Shade	Spectro	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
b" Color Blue White	Spectro	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
24 hr 1% LA EWick	g/100"	1.2	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5
Plybond	Lbs/in ²	60	60	60	60	60	60	60	60	60	60	60	55
Smoothness	Sheffield	200	210	222	200	250	220	200	260	260	270	300	300
Stiffness - GM*	Taber g-cim	79	96	124	164	177	189	234	277	293	332	428	439
Metric (µm, g/sqm)	nominal	343-254	368-259	406-285	432-337	450-321	457-342	483-400	533-382	500-350	584-439	660-480	686-464
Caliper	Microns	343	368	406	432	450	457	483	533	500	584	660	686
Basis Weight	Gsm	254	259	285	337	321	342	400	382	350	439	480	464
24 hr 1% LA EWick	Kg/m ²	1.2	1.3	1.3	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.5
Plybond	Plybond	414	414	414	414	414	414	414	414	414	414	414	379
Stiffness - GM*	Stiffness - GM*	154	189	243	332	347	370	458	542	574	651	839	860

Both single-and-double sided polyethylene extrusion is available in a variety of weights, starting at 5.8 lbs. (9.4 GSM), and in matte and mirror finishes. Optional flame treatment of the print side polyethylene allows for consistent ink adhesion with excellent sealing.

Selected Standards and Certifications

Fiber procurement and chain-of-custody

- FSC chain-of-custody and controlled wood standards: BV-COC-007380.
- SFI fiber sourcing, chain-of-custody, and product labeling certification BV-SFICOC-US003784-1.

Food contact

- USFDA 21 CFR 176.170 - Contact with aqueous and fatty foods
- USFDA 21 CFR 176.180 - Contact with dry food and food types III, IV-A,V, VII-A,VIII and IX
- USFDA 21 CFR 176.260 - Use of reclaimed fiber from manufacturer process
- USFDA 21 CFR 109.30a(9) - PCB content limits to 10 parts per million (ppm)
- ISEGA compliance - Commission regulation (EU) No 10/2011 and regulation (EC) No 1935/2004 of the European Parliament. Directives 80/590/EEC and 89/109/EEC on food contact.
- Dairyman's Standard compliant - Pasteurized Milk Ordinance 2003 revision Appendix J; Standards for the Fabrication Of Single-Service Containers And Closures For Milk And Milk Products.

Health and safety

- U.S. California Proposition 65 compliant
- CONEG model heavy metal and EC/94/62 article II compliant
- Elemental Chlorine Free (ECF) bleached fiber
- RoHS (Restriction of Hazardous Substances) compliant
- Canadian Environmental Protection Act, 1999 compliant
- European Chemicals Agency (ECHA) Substances of Very High Concern (SVHC) compliant

Manufacturing

- ISO 9001:2008 certification number QSR-249
- G7 compliant for color calibration



Clearwater Paper Corporation
601 West Riverside Avenue, Suite 1100
Spokane, WA 99201



For more information, please contact your Clearwater Paper sales representative or contact us at pandp@clearwaterpaper.com 1-866-768-5282.

©2012-2014 Clearwater Paper Corporation. All rights reserved. Candesce and GablePak are registered trademarks of Clearwater Paper Corporation.