

Candesce[®] Cupstock – Clay Coated

Where purity meets performance.

Produced using 100% virgin fiber, Candesce[®] Clay-coated Cupstock provides the ultimate in purity. More than 60 years of experience in delivering food grade paperboard have earned us the reputation for industry leading cleanliness. Candesce Cupstock's cornerstone is purity, but we add structural integrity giving you superior forming and printing. Candesce coated cupstock can be ordered for hot, cold or frozen applications.

Product Uses

- Premium ice cream, sherbet and frozen yogurt
- Dry foods such as cereal, noodles and instant soup
- Hot and cold drink cups

Features and Benefits

Unmatched cleanliness	Cleanliness and purity unmatched in the industry. Our 100% web inspection system monitors for the smallest of imperfections during production, allowing us to continuously improve our cleanliness levels.
Superior stretch properties	Our cupstock stretch values provide optimum rim formation, delivering the sidewall rigidity required for the most demanding applications.
Soft wood fiber	Our 100% softwood fiber provides long, strong fibers for superior strength as well as exceptional forming and sealing characteristics.
Internal sizing	Candesce Cupstock is produced with the proper internal sizing to meet your specific application. Our proprietary sizing formulations provide superior wick resistance and durability.
Smooth clay-coated surface	Our smooth surface lets you create high quality graphics that will maximize shelf appeal. Our proprietary clay coating provides an exceptionally smooth surface to meet the needs of the most exacting brand managers.
Run-to-run consistency	Our process control systems provide unmatched run-to-run consistency, maximizing efficiency on high speed forming and filling lines. Fewer surprises and slowdowns mean less waste.
FSC [®] , SFI [®] or PEFC [®] certification	Natural wood fiber is a renewable resource that can be easily recycled. Candesce Cupstock comes with either FSC or SFI chain-of-custody certification ensuring that the fiber used was harvested from responsible, well-managed forests.

Typical Values

English	Units	12.5-146	14-162	15-170	16-180	17-189	18-201	19-210	20-218	22-230	23-248
Caliper (nominal)	mils	12.5	14	15	16	17	18	19	20	22	23
Basis Weight (nominal)	lbs/3msf	146	162	170	180	189	201	210	218	230	248
Brightness	GE	83	83	83	83	83	83	83	83	83	83
b* Color	Spectro	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Smoothness (printed side)	Sheffield	30	45	48	60	65	80	85	90	105	115
30 min 20% LA Ewick ¹	g/100"	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Hot Coffee Edgewick, Coffee Mate ²	1/32"	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Plybond	lbs/in ²	60	60	60	55	55	55	55	55	53	52
Stiffness – MD	Taber g-cm	105	150	170	210	245	270	320	360	465	512
Stiffness – CD	Taber g-cm	48	65	75	90	105	122	140	167	205	225
Stretch – MD	%	2	2	2	2	2	2	2	2	2	2
Stretch – CD	%	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Coat Weight	lbs/3msf	14	14	14	14	14	14	14	14	14	14
Metric	Units	318-238	356-264	381-277	406-293	432-308	457-327	483-342	508-355	559-374	584-404
Thickness	microns	318	356	381	406	432	457	483	508	559	584
Basis Weight	gsm	238	264	277	293	308	327	342	355	374	404
Plybond	kPa	414	414	414	379	379	379	379	379	365	359
Stiffness – MD	mN	206	294	333	412	480	529	627	706	911	1004
Stiffness – CD	mN	94	127	147	176	206	239	274	327	402	441
Coat Weight	gsm	23	23	23	23	23	23	23	23	23	23

¹ Cold cup applications only

² Hot cup applications only

Both single and double sided polyethylene extrusion is available in a variety of weights, starting at 6.5 lbs. (10.6 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: SCS-COC-004564
- SFI fiber sourcing, chain-of-custody, and product labeling certification BV-SFICOC-US007081-I
- PEFC chain-of-custody: BV-PEFC-US008236-I

Food contact

- USDA 21 CFR 176.170 - Contact with aqueous and fatty foods
- USDA 21 CFR 176.180 - Contact with dry food and food types III, IV-A, V, VII-A, VIII and IX
- USDA 21 CFR 176.260 - Use of reclaimed fiber from manufacturer process
- USDA 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.

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



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