

Candesce® TS

Lamination made easy.

Depend on Candesce® TS for a coated top sheet designed specifically to deliver exceptional performance for offset lithography and flexography. Optimized moisture content and a proprietary fiber mix are designed to give Candesce TS the strength required to perform flawlessly. The smooth print surface provides the foundation for superior graphics, giving you the ability to create a consistent brand image across multiple packaging options – including heavy items and “box” store packaging. Manufactured in 9 pt. (40 lb.), 10 pt. (43 lb.), 12 pt. (47.7 lb.), and 18 pt. (66.3 lb.) with custom calipers available subject to minimum order quantities.

Product Uses

- Club-store packaging
- Electronics packaging
- Boxed alcohol packaging
- Video and gaming packaging

Features and Benefits

Scores beautifully	Manufactured to help prevent score cracking. Candesce TS's moisture has been optimized for lamination to corrugated. Candesce TS is designed to give you that smooth, flat, bill-boarding surface all the way through conversion.
High holdout	High holdout means better print quality all while using less ink. Our proprietary coating delivers a print surface that promotes uniform ink absorption and quick drying, yielding rich, deep printed images that demand a second look.
Superior bonding	Our process control systems provide unmatched uniformity, giving you a flat sheet with exacting predictability. Our unique fiber mix and coating provides an adhesion-friendly back side. The results is the perfect sheet for exceptional print quality and trouble-free flat lamination to fluted edge.
Consistent blue-white shade and 89 GE brightness	Engineered for color stability and consistency, Candesce TS allows you to maximize your visual impact and have accurate color reproduction. Candesce TS delivers crisp colors and sharp contrast while maintaining optimal color fidelity on press. Since it was produced without optical brightening agents (OBA), your print will maintain its visual integrity and resist fading.
FSC®, SFI® or PEFC® certification	Natural wood fiber is a renewable resource that can be easily recycled. Candesce TS 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	9-120	10-129	12-143	14-163	18-199
Caliper (nominal)	mils	9	10	12	14	18
Basis Weight (nominal)	lbs/lmsf	40	43	47.7	54.3	66.3
Basis Weight (nominal)	lbs/3msf	120	129	143	163	199
Brightness	GE	89	89	89	89	89
b* Value	Spectro	1.2	1.2	1.2	1.2	1.2
Smoothness (primary side)	Sheffield	12	15	20	30	40
Plybond	lbs/in ²	55	55	55	55	55
Stiffness – MD	Taber g-cm	48	52	83	112	220
Stiffness – CD	Taber g-cm	23	25	40	53	106
Metric	Units	229-195	254-210	305-233	356-265	457-324
Thickness	microns	229	254	305	356	457
Base Weight	g/sq. ^m	195	210	233	265	324
Stiffness – MD	mN	94	102	163	220	431
Stiffness – CD	mN	45	49	78	104	208

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

- 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)

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

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