

Candesce® CIS

Single-sided perfection.

Depend on Candesce® CIS to deliver exceptional performance run after run. Its ultra-smooth print surface provides the foundation for superior graphics. Our proprietary fiber blends are designed to provide the strength to hold up to your most demanding print jobs. Start with Candesce CIS, finish with eye-popping packaging.

Product Uses

- Health and beauty packaging
- Pharmaceutical packaging
- Candy and bakery boxes
- Dry and frozen food packaging
- Point of purchase displays
- Presentation folders
- Greeting cards
- Heat set web offset applications

Features and Benefits

Run-to-run consistency

Our process control systems provide unmatched run-to-run consistency, giving you exacting predictability. Fewer surprises and slowdowns mean less paperboard and ink waste, ultimately reducing raw material usage.

Silky-yet-crisp finish

Ultra-smooth surface lets you create graphics that bring consumers in for a closer look. The rich tactile feel will reinforce the message of high quality products.

Uniform ink absorption

Proprietary coating delivers uniform ink absorption and quick drying. Printed images look richer, have greater depth and have the visual appeal that demands a second look.

Performance, superior utility and versatility

Our unique fiber mix and proprietary coating are designed to have the strength to hold up to your most demanding needs. Die-cutting, gluing and value-added print techniques are all a breeze. Special coating and multi-layer print and finishing techniques give you a luxurious product, maximizing your printed impact.

Consistent blue-white shade and 89 GE brightness

Engineered for color stability and consistency, Candesce CIS is the perfect choice for any color palette, including skin tones. Candesce CIS delivers crisper colors and sharper contrast while maintaining optimal color fidelity on press to produce graphics that demand attention.

OBA-free

Produced without optical brightening agents (OBA), your print will maintain its visual integrity. Candesce CIS will let your print look as good next week as it does today, even if exposed to direct sun or fluorescent lighting.

Sustainability and source reduction

Made from natural wood fiber it is a resource that can be recycled and is continually renewed. Our optimized stiffness-to-weight ratio delivers maximum protection with minimum weight.

FSC® or SFI® certification

Ensures that the fiber used was harvested from responsible, well-managed forests.

Typical Values

English	Units	10-129	12-143	14-163	15-172	16-182	18-199	20-217	22-223	24-250	26-273
Caliper	Mils	10	12	14	15	16	18	20	22	24	26
Basis Weight	lbs/3msf	129	143	163	172	182	199	217	233	250	273
Brightness	GE	89	89	89	89	89	89	89	89	89	89
Coated b* Color	Spectro	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Smoothness (Primary Side)	Sheffield	9	12	14	16	17	17	18	19	21	23
Parker Print	microns	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Plybond	lbs/in ²	65	56	46	45	44	41	41	41	41	41
Stiffness - MD	Taber g-cm	51	78	115	152	165	223	290	393	483	570
Stiffness - CD	Taber g-cm	25	38	58	72	83	115	147	190	236	275
Metric	Units	254-210	305-233	356-266	381-280	406-297	457-324	508-354	559-380	610-408	660-444
Thickness	Microns	254	305	356	381	406	457	508	559	610	660
Basis Weight	g/sq. ^m	210	233	266	280	297	324	354	380	408	444
Stiffness - MD	mN	100	153	225	298	323	436	568	769	946	1117
Stiffness - CD	mN	49	74	114	141	163	225	287	372	462	539

Extrusion options are available for Candesce® CIS

Selected Standards and Certifications

Fiber procurement and chain-of-custody

- FSC chain-of-custody: SCS-COC-004564 & BV-COC-007380.
- SFI fiber sourcing, chain-of-custody, and product labeling certification NSF-SFICOC-C0035688 and BV-SFICOC-US003784-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)
- EN 1230-2:2009 - Robinson sensory analysis for odor or taste transfer

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-115 & QSR-249
- G7 compliant for color calibration



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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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PPD09.DS1014.C1