

Crescendo® C1S

If you're searching for visual impact,
look no further.



Designed to meet the demanding needs of premium brands, Crescendo C1S paperboard features high brightness, clean white styling and a smooth surface. All of which are hallmarks of exceptional visual impact. But this premium paperboard's appeal goes much deeper. Crescendo C1S owns a reputation for outstanding runnability, printability, and on-press consistency through converting.

Packaging uses

- Beauty and Personal Care
- Premium Food Packaging
- Healthcare
- Media and Electronics
- Other Premium Packaging

Product Classification

- Solid Bleached Sulfate
- SBS Paperboard
- GZ

What You Can Expect from Us

- Clean, White Styling** This distinctive clean-white shade delivers crisp colors and sharp contrast while maintaining optimal color fidelity on press.
- Smooth Surface** Crescendo's smooth surface delivers a visual aesthetic that denotes high quality.
- Quality Tactile Feel** A unique fiber mix and finishing process results in high stiffness. So, you can expect a finished package that feels as good as it looks.
- Superior Runnability** You can expect outstanding product uniformity and consistent graphics. Both of which help you optimize productivity and reduce waste.
- Fade Resistance** Paper shade is achieved using bleached fiber and color-fast dyes to provide improved color integrity and extended packaging shelf life.
- Caliper Range** Broad caliper offerings for use across a wide range of printing and packaging applications.

Additional Product Information

- Sustainability** Recyclable. 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.
- Food Contact** Meets multiple national requirements for food contact packaging, e.g., US, Canada, Germany and the EU. Contact your sales representative for information on specific markets and end uses. ISEGA Certificate available. Kosher documentation available.
- 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.)

Crescendo® C1S

Grade Availability by Caliper										Units	Method	
Caliper (pts)	.0085	.010	.012	.0136	.0148	.016	.0178	.0194	.0235	inches	T-411	
Nominal Basis Weight	112	124	145	163	172	182	199	212	250	lbs/3000 sq ft	T-410	
Moisture	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	percent	T-412	
Internal Bond	98	75	70	70	70	70	70	70	70	.001 ft-lb/sq in	T-569	
Stiffness												
Taber 15°	MD	32	55	85	112	142	174	217	269	430	gf-cm	ISO2493
	CD	15	26	45	56	70	86	112	136	230	gf-cm	ISO2493
Coated Side												
Parker Print	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	μm	ISO8791	
ISO Brightness	91	91	91	91	91	91	91	91	91	percent	ISO2470	
GE Brightness	92	92	92	92	92	92	92	92	92	percent	T-452	
CIE Whiteness	122	122	122	122	122	122	122	122	122	percent	ISO11475	
Color												
CIE	L*	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	L*	CIELAB SCAN-P 72
	a*	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	a*	CIELAB SCAN-P 72
	b*	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	b*

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight										Units	Method	
Thickness	216	254	305	345	376	406	452	493	596	microns	T-411	
Nominal Basis Weight	182	202	236	265	280	296	324	345	407	gsm	T-410	
Moisture	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	percent	T-412	
Internal Bond	206	158	147	147	147	147	147	147	147	J/m ²	T-569	
Stiffness												
Taber 15°	MD	3.1	5.4	8.3	11.0	13.9	17.1	21.6	26.4	42.2	mNm	ISO2493
	CD	1.5	2.5	4.4	5.5	6.9	8.4	11.0	13.3	22.6	mNm	ISO2493
L&W 15°	MD	56	110	180	244	315	390	498	614	993	mN	ISO2493
	CD	22	46	94	120	153	191	252	309	532	mN	ISO2493
L&W 5°	MD	4.7	9.3	15.3	20.7	26.8	33.2	42.4	52.2	84.4	mN	ISO5628
	CD	1.9	3.9	8	10.2	13	16.2	21.5	26.3	45.3	mN	ISO5628
Coated Side												
Parker Print	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	μm	ISO8791	
ISO Brightness	91	91	91	91	91	91	91	91	91	percent	ISO2470	
GE Brightness	92	92	92	92	92	92	92	92	92	percent	T-452	
CIE Whiteness	122	122	122	122	122	122	122	122	122	percent	ISO11475	
Color												
CIE	L*	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	L*	CIELAB SCAN-P 72
	a*	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	a*	CIELAB SCAN-P 72
	b*	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	b*

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at westrock.com.

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Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCOC-6S751, FSC Company Code: FSC-C104002

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