

# Crescendo® C2S paperboard

## Packaging uses

- Beauty & Personal Care
- Electronics
- Food Packaging
- Healthcare
- Media & Electronics
- Spirits

## Commercial print

Crescendo is a high quality, 100% virgin fibre, coated bleached paperboard (SBS) with superior performance and superior aesthetics. The double-coating on both sides delivers outstanding runnability, printability, and consistency on press and through converting. Add in high brightness, clean-white styling, and an ultra-smooth surface and Crescendo C2S becomes the preferred choice for any graphical or packaging application where quality and visual impact matter.

### Features

#### Superior Runnability

#### Clean-White Styling

#### Smooth Surface

#### Quality Tactile Feel

#### Fade Resistance

### Certifications

#### Manufacturing

#### Forestry and Procurement

#### Chain of Custody

#### Food Contact

#### Environmental and Safety

### Classifications

#### Product Type

#### Mill

### Benefits

Outstanding ink holdout, side-to-side uniformity, sheet cleanliness and consistency mean graphical or packaging jobs that optimise productivity and exceed customer expectations.

A distinctive clean-white styling delivers crisper colours and sharper contrast while maintaining optimal colour fidelity on press to produce eye catching graphics that demand attention.

Crescendo's smooth surface delivers a visual aesthetic that denotes high quality. Full, double-coating on both sides ensures a quality image front to back.

Unique fibre mix and finishing process result in high stiffness for a finished piece that feels as good as it looks.

Colourfast dyes provide fade resistance for shelf life and colour integrity.

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ISO 9001:2008

SFI Standards for Land Management and Wood Procurement (PEFC Endorsed)

SFI Chain of Custody Certified: BV-SFICOC-US08000163  
PEFC Chain of Custody Certification

USFDA 21 CFR §176.170 - Contact with Aqueous & Fatty Foods (with restriction). Excluding aqueous and moist foods due to optical brightener content.

USFDA 21 CFR §176.180 - Components of Paper and Paperboard in contact with Dry Food (without restriction)

ISEGA Certificate of Conformity - BfR XXXVI (dry and fatty foods only) and EU Regulation (EC) No 1935/2004  
Acceptable for use with Kosher Foods

U.S. California Proposition 65 Compliant

CONEG Model Heavy Metal and EC/94/62 Article 11 Compliant

ASTM F 963-95 Toy Safety, EN 71-3 European Toy Safety Compliant

CPSC 16 CFR 1303 Lead Ban Compliant

Elemental Chlorine Free (ECF) Bleached Fibre

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Solid Bleached Sulphate , SBS Paperboard, GZ

Covington, Virginia, U.S.A.

# Crescendo® C2S

Grade Availability & Typical Properties									Units	Method	
Nominal Basis Weight	220	260	280	300	330	350	380	440	gsm	T-410	
Caliper (pts)	0.010	0.012	0.013	0.014	0.016	0.018	0.020	0.024	inches	T-411	
Thickness	254	305	330	356	406	457	508	610	microns	T-411	
Moisture	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	percent	T-412	
Internal Bond	160	160	170	140	140	140	140	140	J/m2	Um-403	
<b>Stiffness</b>											
Taber 15°	MD	5.9	9.8	11.3	13.2	19.1	24.0	30.9	46.1	mNm	ISO2493
	CD	3.1	4.9	5.9	6.9	9.3	12.4	16.2	23.6	mNm	ISO2493
L&W 15°	MD	122	216	251	298	439	557	722	1087	mN	ISO2493
	CD	63	105	129	153	212	286	378	558	mN	ISO2493
L&W 5°	MD	10.3	18.3	21.4	25.4	37.4	47.4	61.4	92.4	mNm	ISO5628
	CD	5.3	9.0	11.0	13.0	18.0	24.3	32.2	47.5	mNm	ISO5628
<b>Coated Side (both sides)</b>											
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
Gloss	51	51	51	51	51	51	51	51	51	percent	T-480
Parker Print	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	µm	ISO8791
<b>Colour</b>											
CIE	L	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	percent	CIELAB SCAN-P 72
	a	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	percent	CIELAB SCAN-P 72
	b	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	percent

Stiffness values shown represent measurements at the time of manufacture; field measurements are typically 3-5% higher.



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