

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.

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

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	
Stiffness											
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
Coated Side (both sides)											
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
Colour											
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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