

Crescendo[®] C1S

paperboard

Packaging uses

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

Printing uses

- Coated Cover

Superior performance. Superior aesthetics. Crescendo delivers both. Unsurpassed in its reputation for outstanding runnability, printability, and consistency on press and through converting. Add in high brightness, clean-white styling, and a smooth surface, and Crescendo becomes the preferred choice for any graphical or packaging application where quality matters.

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, sheet cleanliness and consistency mean graphical or packaging jobs that optimize productivity and exceed customer expectations.

A distinctive clean-white styling delivers crisper colors and sharper contrast while maintaining optimal color fidelity on press to produce eye-catching graphics that demand attention. Uncoated backside styling matches the coated side for consistent visual appeal.

Crescendo's smooth surface delivers a visual aesthetic that denotes high quality. Full double-coating on the front, complemented by a super smooth uncoated side for a quality image front to back.

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

Colorfast dyes provide fade resistance for shelf life and color integrity.

ISO 9001:2008

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

SFI Chain of Custody Certification: 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
Elemental Chlorine Free (ECF) Bleached Fiber

Solid Bleached Sulfate, SBS Paperboard, GZ

Covington, Virginia, U.S.A.

Crescendo[®] C1S

| Grade Availability & Typical Properties | | | | | | | | | | | | |
|---|-------|------|------|-------|-------|------|-------|-------|-------|-----------------|---------|------------------|
| Grade Availability | | | | | | | | | | Units | Method | |
| Caliper | .0085 | .010 | .012 | .0136 | .0148 | .016 | .0178 | .0194 | .0235 | inches | T-411 | |
| Nominal Basis Weight | 112 | 124 | 145 | 163 | 172 | 182 | 199 | 212 | 250 | lb/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 | 1/1000 ft.-lb | Um-403 | |
| Stiffness | | | | | | | | | | | | |
| 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 | 8.0 | 10.2 | 13.0 | 16.2 | 21.5 | 26.3 | 45.3 | mN | ISO5628 |
| 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 |
| Coated Side | | | | | | | | | | | | |
| ISO Brightness | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | percent | ISO2470 |
| GE Brightness | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | percent | T-452 |
| CIE Whiteness | 122 | 122 | 122 | 122 | 122 | 122 | 122 | 122 | 122 | 122 | percent | ISO11475 |
| Gloss | 51 | 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 | 1.0 | µm | ISO8791 |
| Color | | | | | | | | | | | | |
| CIE | L* | 94.2 | 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 | 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 | -8.0 | percent |

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

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