

PREMIUM PAPERBOARD C1S AND C2S

Spectro[®]

Spectro is designed with enhanced optics to deliver superior quality—making it ideal for applications that call for dynamic and vibrant images. It's the paperboard that provides a high-end experience and helps your brand make a lasting impression.

Premium surface and printability on both sides of the sheet

Spectro's smooth and uniform surface has a proprietary coating engineered for brilliant color reproduction, sharper details, and better ink hold-out. This stunning paperboard has the most consistent side-to-side printing surface available for superior backside printing.

Sustainability

Sappi North America is an industry leader in sustaining a low carbon footprint, with over 76% of our energy generated from renewable or alternative fuels. We are committed to decreasing energy consumption, reducing waste, and improving process efficiencies across our entire manufacturing process. In 2020 we earned a Platinum rating from EcoVadis, a highly regarded rating firm assessing over 30,000 companies annually around the globe. Our Platinum rating puts us in the top 1% of all companies surveyed across a broad range of social and environmental indicators.

Spectro's product features include:

- 10% recycled fiber available upon request
- SFI[®] Certified Sourcing
- FSC[®] (FSC-C014955), SFI[®], or PEFC (PEFC/29-31-10) chain-of-custody (CoC) certified available upon request
- Lacey Act compliant

Consistent downstream performance

Spectro has the strength and durability to provide optimum convertibility for folding, die-cutting, gluing, and other converting applications. It's designed with exceptional dimensional stability, providing more flexibility in layout and downstream operations.

Local inventory support

Spectro is manufactured in the United States and available through Manchester Industries for quick-turn sheeting at its Hagerstown and Dallas facilities for custom sizes in two to three days to the Midwest and Southwest. Eliminating waste by utilizing custom sizes provides you with cost savings, and Manchester's superior customer service can provide fast quotes, real-time availability, and delivery information. Spectro is also available through a broad merchant network across the country.

Spectro specifications

Spectro C1S

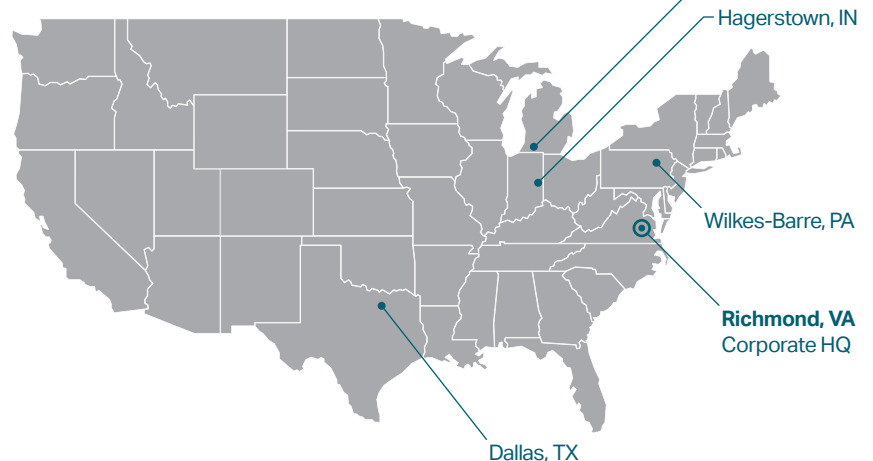
CALIPER (mils)	THICKNESS (microns)	TAG WEIGHT 24" x 36"	COVER WEIGHT 20" x 26"	GSM	GLOSS	SMOOTHNESS	BRIGHTNESS	L*a*b* PAPER WHITE
8	203	109	66	177	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
10	254	120	72	195	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
12	305	141	85	230	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
14	356	158	95	257	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
16	407	177	106	288	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
18	457	193	116	314	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
20	508	206	124	335	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
24	610	243	146	396	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²

Spectro C2S

CALIPER (mils)	THICKNESS (microns)	TAG WEIGHT 24" x 36"	COVER WEIGHT 20" x 26"	GSM	GLOSS	SMOOTHNESS	BRIGHTNESS	L*a*b* PAPER WHITE
8	203	124	75	202	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
10	254	145	87	236	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
12	305	171	103	278	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
14	356	196	119	319	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²
16	407	217	132	353	50	1.0	92	95.00, 0.70, -6.30 ¹ 95.60, 1.06, -3.38 ²



5 locations to serve you



Contact us

www.manind.com/contact

¹ CIE L*a*b* values are approximate and stated with UV included, according to ISO 5631-2:2015 guidelines. The color measurement methodology incorporates CIE standard illuminant D65 (simulated), 10° Standard Observer, and d/0° illumination/measurement geometry. Average CIE L*a*b* data are presented for relative paperboard shade comparisons—not as product specifications.

² CIE L*a*b* values are approximate and in conformance with ISO 13655:2017. Data are specified according to the measurement condition M0, measured using an X-Rite eXact, configured to D50, 2° Standard Observer, 45/0 measurement geometry, with white (self) backing. Values may vary significantly when measured with different instruments. Average CIE L*a*b* data are presented for relative paperboard shade comparisons—not as product specifications. Paper white values specified according to the measurement condition M1 are available upon request.

All values listed are approximate and subject to change. Please visit sappi.com for the most up-to-date product specifications and available certifications.

Sappi Packaging products may be available as certified upon request. For more information, please contact your Sappi representative or visit our website at sappi.com.

The data, specifications, and/or certifications provided herein are current as of the date of printing and may change without notice at Sappi's discretion.

Sappi is a trademark of Sappi Limited. SPECTRO is a trademark of Sappi North America, registered in the U.S. and other countries.

Sappi North America
255 State Street
Boston, MA 02109
800.882.4332
www.sappi.com



© 2021 Sappi North America, Inc. All rights reserved.

Effective 01.21

