

PREMIUM SBS

SpectroTM_{c1s}

High impact at a lighter weight. A paperboard designed to deliver superior quality, Spectro converts to eye-catching packaging that stands out amongst the crowd. It's a single-ply SBS with enhanced optics, making it ideal for premium applications that call for dynamic and vibrant images. The paperboard that provides a high-end experience at a lower basis weight—it's the perfect combination to make a lasting impression. That's the new standard.

The Spectro packaging experience

Product uses

- Luxury beverage
- Cosmetic and perfume
- Health and beauty care
- Covers (books and magazines)
- Greeting cards, folders, lottery
- Calendars
- Shopping bags
- POS material
- Menus
- Direct Mail
- Pharmaceutical and OTC
- Confectionery
- Fashion and lifestyle
- Consumer electronics

Product classification

Solid Bleached Sulfate
SBS Paperboard

Premium surface and printability

Spectro's smooth and uniform surface has a proprietary coating engineered for brilliant color reproduction, sharper details and better ink holdout. Whether using UV, aqueous, or specialty coatings, hot foil stamping, embossing, special effects, or varnishes, Spectro has the surface for the most demanding applications.

Enhanced optics for lasting impact

With a vibrant blue-white shade, high brightness, and unique coating formulation, Spectro minimizes fade resistance—ensuring lasting whiteness and image integrity.

A breadth of applications

Spectro offers unrivaled versatility and performance across numerous applications—including direct mail, luxury packaging, and point of sale materials—making it the ideal paperboard for multi-channel marketers.

Unmatched yield advantage

Spectro achieves a lower basis weight in higher calipers, resulting in a product that feels substantial and significantly reduces paper and distribution costs.

Strict tolerance standards

Manufactured within the tightest tolerance standards in the industry, Spectro's uniform printing surface delivers minimal variability within and across production runs.

Consistent down stream performance

As a premium SBS board, Spectro has the strength and durability to offer 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.

The Sappi experience

Innovation

In our state-of-the-art Somerset mill located in Skowhegan, Maine, we continue to invest in machinery designed to deliver a high-quality product with optimal performance throughout the converting process.

Sustainability

Sappi North America is an industry leader in sustaining a low carbon footprint, with approximately 80 percent 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 2018 we earned a Gold Rating from EcoVadis, a highly regarded rating firm assessing over 30,000 companies annually around the globe. Our Gold Rating puts us in the top 4% of all companies surveyed across a broad range of social and environmental indicators.

Non-integrated supplier

With Sappi, your business is your business. We focus only on producing paperboard, prioritizing the needs of independent converters, and providing you a quality, cost-efficient product.

Sales and tech support

Our teams have the expertise and dedication to ensure customer success before and after the sale. The Sappi technical services group can help with all aspects of printing and converting, and our sales team provides end-to-end packaging support.

Certifications

All of Sappi North America's coated and packaging paper mills are triple certified in accordance with the leading global sustainable forestry chain of custody certification systems including the Forest Stewardship Council® (FSC-C014955), the Sustainable Forestry Initiative® (SFI) program and the Programme for the Endorsement of Forest Certification™ (PEFC). Product certifications are available upon request, pending availability of credits. The producing mill is ISO 9001, ISO 14001, OHSAS 18001 certified.

Food contact/health and safety

- US FDA Title 21 §CFR 176.170 and 176.180 compliant (restrictions may apply)
- Canada Food and Drug Regulations Section 23 compliant
- Elemental Chlorine Free (ECF)
- Canada EPA Chemical Challenge List compliant
- California Proposition 65 (labeling is not required)
- REACH Regulation 1907/2006/EC (registration is not required and the product does not contain any substances found on the SVHC Candidate List)
- RoHS (Restriction of Hazardous Substance) compliant
- Heavy metals: compliant to the Model Toxics in Packaging Legislation (formerly known as CONEG) and Directive 94/62/EC



Paper Machine 1 at Somerset Mill.

SPECTRO C1S

| CALIPER (MILS) | THICKNESS (MICRONS) | NOMINAL WEIGHT 24" x 36" | COVER WEIGHT 20" x 26" | GRAMMAGE | GLOSS | SMOOTHNESS | BRIGHTNESS | L | ^a UV in | ^b UV in |
|----------------|---------------------|--------------------------|------------------------|----------|-------|------------|------------|----|--------------------|--------------------|
| 8 | 203 | 109 | 66 | 177 | 50 | 1.0 | 92 | 95 | 0.7 | -6.3 |
| 10 | 254 | 120 | 72 | 195 | 50 | 1.0 | 92 | 95 | 0.7 | -6.3 |
| 12 | 305 | 141 | 85 | 230 | 50 | 1.0 | 92 | 95 | 0.7 | -6.3 |
| 14 | 356 | 158 | 95 | 257 | 50 | 1.0 | 92 | 95 | 0.7 | -6.3 |
| 16 | 407 | 177 | 106 | 288 | 50 | 1.0 | 92 | 95 | 0.7 | -6.3 |
| 18 | 457 | 193 | 116 | 314 | 50 | 1.0 | 92 | 95 | 0.7 | -6.3 |
| 20 | 508 | 206 | 124 | 335 | 50 | 1.0 | 92 | 95 | 0.7 | -6.3 |
| 24 | 610 | 243 | 146 | 396 | 50 | 1.0 | 92 | 95 | 0.7 | -6.3 |

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