

VELORA™

OPTIMIZED LIGHTWEIGHT PERFORMANCE



VELORA™ delivers the dependable performance brand owners and converters need for common packaging applications. Engineered for a wide breadth of folding carton and foodservice end uses, it combines strength, versatility, and lower basis weights across the caliper range.

HIGH-YIELD GRADE for Everyday Packaging



VELORA™ Folding Carton



- **Optimized fiber blend** that brings together operational performance, printability, and product protection — delivering yield advantages and shared value for converters and brand owners.
- **Consistent surface with dependable strength** supports a wide range of general-use packaging applications.

- **Lighter basis weight, higher yield** means lower material costs and more cartons per ton — ideal for high-volume production.
- **Reduced material usage** aligns with sustainability goals and Extended Producer Responsibility (EPR) initiatives.

Product Uses

- Dry Food
- Frozen Food
- Bakery
- Foodservice
- Household
- Hardware



VELORA™ C1S Typical Values

| ENGLISH | UNITS | 16-172 | 18-183 | 20-198 | 22-222 | 24-228 |
|---|---------------------|---------|---------|---------|---------|---------|
| Caliper (<i>nominal</i>) | mils | 16.0 | 18.0 | 20.0 | 22.0 | 24.0 |
| Basis Weight | lbs/3msf | 172 | 183 | 198 | 222 | 228 |
| Brightness | GE | 85 | 85 | 85 | 85 | 85 |
| b* Value | Spectro | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Coated Smoothness (<i>primary side</i>) | Sheffield | 50 | 56 | 62 | 68 | 80 |
| Plybond | lbs/in ² | 45 | 45 | 45 | 45 | 45 |
| Stiffness – MD (L&W) | g-cm | 155 | 215 | 285 | 375 | 460 |
| Stiffness – CD (L&W) | g-cm | 60 | 90 | 115 | 155 | 190 |
| METRIC | UNITS | 406-280 | 457-298 | 508-322 | 559-361 | 610-371 |
| Thickness | microns | 406 | 457 | 508 | 559 | 610 |
| Basis Weight | gsm | 280 | 298 | 322 | 361 | 371 |
| Plybond | kPa | 310 | 310 | 310 | 310 | 310 |
| Stiffness – MD | mN | 304 | 421 | 559 | 735 | 902 |
| Stiffness – CD | mN | 118 | 176 | 225 | 304 | 372 |

SELECTED STANDARDS & CERTIFICATIONS

Fiber Procurement and Chain-of-Custody

- SFI® fiber sourcing, chain of custody, and product labeling certification: NSF-SFI-COC-00035688
- PEFC™ chain of custody: NSF-PEFC-COC-00035688
PEFC™ certified paperboard available by request only



Manufacturing

- ISO 9001: 2015 certification numbers: QSR-249 (Lewiston)



PAPERBOARD
PACKAGING
RECYCLABLE™

Health and Safety

- U.S. California Proposition 65 compliant
- CONEG model heavy metal and EC/94/62 article II compliant
- Elemental Chlorine Free (ECF) bleached fiber
- RoHS3 (Restriction of Hazardous Substances) compliant
- Canadian Environmental Protection Act, 1999 compliant
- European Chemicals Agency (ECHA) Substances of Very High Concern (SVHC) compliant

Food Contact

- USDA 21 CFR176.170 - Contact with aqueous and fatty foods
- USDA 21 CFR176.180 - Contact with dry food and food

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Basis weight may vary by production run. Average b* value data is presented for relative paperboard shade comparisons, not as product specifications.

Not all calipers are produced at all mills.

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