

# Custom Kote<sup>®</sup> paperboard

## Packaging uses

- Beauty & Personal Care
- Beverage
- Food Packaging
- Food Service
- Healthcare
- Home & Garden
- Media & Electronics

Custom Kote is a high-performing Coated Natural Kraft<sup>®</sup> (CNK<sup>®</sup>) paperboard. The coated side provides you an excellent surface on which to create shopper-stopping graphics. The unbleached, uncoated side delivers consumers a clean, all natural perception and reality. In between the two surfaces are tough, hardworking natural and recycled fibers which are engineered for outstanding performance in stressful environments throughout the supply chain, such as freeze-thaw cycles.

## Features

### Strength and Integrity

### Printability

### Cost-Effectiveness

### Design Flexibility

### Recycled Fiber Content

## Certifications

### Manufacturing

### Forestry and Procurement

### Chain of Custody

### Food Contact

### Environmental and Safety

## Classifications

### Product Type

## Benefits

Provides stiffness and bursting strength at low calipers, providing an overall, outstanding toughness. It is tear- and puncture-resistant, maintaining integrity in multiple and changing environments.

Prints superbly to create eye-catching, high-quality graphics that demand attention on shelf.

Superior strength allows for use of lower calipers to obtain characteristics similar to higher-caliper competitive substrates. Yield advantage and reduction of weight can result in measurable cost savings.

Strength and versatility allow for almost any type of package design including graphics, foils, handles, windows and apertures.

Produced with 15% recovered fibers on average.

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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) — Under Conditions of Use A-H and Excluding Alcoholic Foods and Milk

ISEGA Certificate of Conformity - BfR XXXVI (Dry, Non-fatty Foods) and EU Regulations (EC) No 1935/2004 Compliant

USFDA 21 CFR §176.180 — Components of Paper and Paperboard in contact with Dry Food (Type VIII)  
ISEGA Certificate of Conformity

U.S. California Proposition 65 Compliant  
CONEG Model Heavy Metal and EC/94/62 Article 11 Compliant  
CPSC 16 CFR 1303 Lead Ban Compliant  
Ozone Depleting Substance Free Production

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Coated Natural Kraft, CNK Paperboard

# Custom Kote®

| Grade Availability & Typical Properties (U.S.) |       |       |       |       |       |       |       |       |       |       |       | Units           | Method* |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|---------|-------|
| <b>Grade Availability by Caliper</b>           |       |       |       |       |       |       |       |       |       |       |       |                 |         |       |
| Caliper  | 0.014 | 0.015 | 0.016 | 0.017 | 0.018 | 0.020 | 0.022 | 0.024 | 0.026 | 0.028 | 0.030 | inches          | T-411   |       |
| Nominal Basis Weight                           | 60    | 65    | 68    | 71    | 74    | 80    | 86    | 93    | 100   | 107   | 114   | lb/1000 sq. ft. | T-410   |       |
| Moisture                                       | 7.0   | 7.0   | 7.0   | 7.0   | 7.0   | 7.0   | 7.0   | 7.0   | 7.2   | 7.2   | 7.2   | percent         | T-412   |       |
| ZDT  | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | psi             | T-833   |       |
| <b>Stiffness</b>                               |       |       |       |       |       |       |       |       |       |       |       |                 |         |       |
| Taber 15°                                      | MD    | 140   | 170   | 200   | 230   | 275   | 350   | 440   | 545   | 650   | 760   | 870             | gcm     | T-489 |
|  | CD    | 70    | 80    | 100   | 120   | 140   | 175   | 210   | 255   | 310   | 370   | 425             | gcm     | T-489 |
| <b>Coated Side</b>                             |       |       |       |       |       |       |       |       |       |       |       |                 |         |       |
| GE Brightness                                  | 78    | 78    | 78    | 78    | 78    | 78    | 78    | 78    | 78    | 78    | 78    | percent         | T-452   |       |
| Gloss  | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | percent         | T-480   |       |
| Parker Print                                   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | PPS             | T-555   |       |
| Smoothness                                     | 80    | 90    | 90    | 110   | 115   | 140   | 145   | 145   | 165   | 165   | 165   | Sheffield       | T-538   |       |
| <b>Color</b>                                   |       |       |       |       |       |       |       |       |       |       |       |                 |         |       |
| Hunter   | b     | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | L-a-b           | T-524   |       |

| Grade Availability & Typical Properties (Metric) |     |      |      |      |      |      |      |      |      |      |      | Units     | Method* |       |
|--|-----|------|------|------|------|------|------|------|------|------|------|-----------|---------|-------|
| <b>Grade Availability by Weight</b>              |     |      |      |      |      |      |      |      |      |      |      |           |         |       |
| Thickness  | 356 | 381  | 406  | 432  | 457  | 508  | 559  | 610  | 660  | 711  | 762  | microns   | T-411   |       |
| Nominal Basis Weight                             | 293 | 317  | 332  | 347  | 361  | 391  | 420  | 454  | 488  | 522  | 557  | gsm       | T-410   |       |
| Moisture   | 7.0 | 7.0  | 7.0  | 7.0  | 7.0  | 7.0  | 7.0  | 7.0  | 7.2  | 7.2  | 7.2  | percent   | T-412   |       |
| ZDT  | 35  | 35   | 35   | 35   | 35   | 35   | 35   | 35   | 35   | 35   | 35   | psi       | T-833   |       |
| <b>Stiffness</b>                                 |     |      |      |      |      |      |      |      |      |      |      |           |         |       |
| Taber 15°  | MD  | 13.7 | 16.7 | 19.6 | 22.6 | 27.0 | 34.3 | 43.1 | 53.4 | 63.7 | 74.5 | 85.3      | mNm     | T-489 |
|  | CD  | 6.9  | 7.8  | 9.8  | 11.8 | 13.7 | 17.2 | 20.6 | 25.0 | 30.4 | 36.3 | 41.7      | mNm     | T-489 |
| <b>Coated Side</b>                               |     |      |      |      |      |      |      |      |      |      |      |           |         |       |
| GE Brightness                                    | 78  | 78   | 78   | 78   | 78   | 78   | 78   | 78   | 78   | 78   | 78   | percent   | T-452   |       |
| Gloss  | 50  | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | percent   | T-480   |       |
| Parker Print                                     | 1.7 | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | PPS       | T-555   |       |
| Smoothness                                       | 80  | 90   | 90   | 110  | 115  | 140  | 145  | 145  | 165  | 165  | 165  | Sheffield | T-538   |       |
| <b>Color</b>                                     |     |      |      |      |      |      |      |      |      |      |      |           |         |       |
| Hunter   | b   | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | L-a-b     | T-524   |       |

\* All test methods have been modified to meet needs relative to conditioning results adjustments.

- Values subject to change without notice
- Values represent 95% confidence intervals and are based on measurement on a reel basis

For more information, please contact your WestRock representative or visit our website at [westrock.com](http://westrock.com).

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