

## Impactful graphics meet remarkable protection.

A strong brand image starts with great-looking graphics – but failing to block moisture can ruin them. With its low-density polyethylene (LDPE) barrier coating that delivers a high level of moisture and grease resistance, consistent ink holdout, and variety of customisable options, PrintKote® PE provides brand image consistency for a wide range of food applications.

### Features

- Reliable uniformity
- Smooth and fade resistant surface
- Broad range of calipers, choice of finish, coatings and thicknesses
- Classic bright-white styling without the use of optical brightening agents (OBA)

### Benefits

- Delivers consistent runnability on converting and filling equipment
- Provides consistent ink holdout for exceptional printing characteristics and brand image consistency
- Offers versatility

## Additional product information

### Sustainability

- 100% PEFC Certified - NQA-PEFC-COC-0332. Contact your Smurfit Westrock sales representative for certified fibre availability for this product.
- Certified to Chain of Custody Standards
  - SFI, PEFC/29-31-216
  - FSC C104002

### Quality

- Manufactured in a Smurfit Westrock North American facility certified under ISO 9001, ensuring consistent quality management standards.

### Environmental and Product Safety

- Notices under US California Proposition 65 and the EU REACH regulation are not required.

- Elemental chlorine free (ECF) bleached fibre.
- Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

### Food Contact

- Meets multiple national requirements for food contact packaging, e.g., US, Canada, Germany and the EU. Contact your sales representative for information on specific markets and end uses.
- ISEGA Certificate available.
- Kosher documentation available. Contact your sales representative for further information.

## Applications

- Frozen food
- Refrigerated foods
- Shelf stable baked goods
- Foodservice takeout packaging
- Labels and tags

## Product classification

- Polymer-coated
- Solid Bleached Sulphate
- SBS Paperboard
- GZ

## Region

- EMEA (Europe, the Middle East and Africa)

## Grade availability (EMEA) and typical board properties

| Grade availability   |       |       |       |       |       |       |       |       |       |       |       | Units            | Method |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|--------|-------|
| Nominal basis weight | 202   | 227   | 255   | 269   | 284   | 311   | 345   | 375   | 405   | 435   | 462   | gsm              | T-410  |       |
| Caliper (pts)        | 0.010 | 0.012 | 0.014 | 0.015 | 0.016 | 0.018 | 0.020 | 0.022 | 0.024 | 0.026 | 0.028 | inches           | T-411  |       |
| Thickness            | 254   | 305   | 356   | 381   | 406   | 457   | 508   | 559   | 610   | 660   | 771   | microns          | T-411  |       |
| Moisture content     | 5.3   | 5.3   | 5.3   | 5.5   | 5.6   | 5.6   | 5.6   | 5.6   | 5.6   | 5.6   | 5.6   | percent          | T-412  |       |
| Internal bond        | 158   | 137   | 147   | 147   | 147   | 147   | 147   | 158   | 158   | 158   | 168   | J/m <sup>2</sup> | T-569  |       |
| ZDT                  | 414   | 359   | 324   | 310   | 310   | 276   | 276   | 276   | 276   | 276   | 276   | kPa              | T-541  |       |
| <b>Stiffness</b>     |       |       |       |       |       |       |       |       |       |       |       |                  |        |       |
| Taber<br>15°         | MD    | 5.9   | 8.3   | 11.8  | 14.7  | 16.7  | 21.6  | 27.5  | 34.8  | 43.1  | 49.0  | 53.9             | mNm    | T-489 |
|                      | CD    | 2.9   | 4.4   | 5.9   | 8.3   | 9.3   | 11.8  | 15.2  | 18.6  | 22.6  | 26.0  | 28.4             | mNm    | T-489 |
| <b>Coated side</b>   |       |       |       |       |       |       |       |       |       |       |       |                  |        |       |
| GE Brightness        | 86    | 86    | 86    | 86    | 86    | 86    | 86    | 86    | 86    | 86    | 86    | percent          | T-452  |       |
| Parker Print         | 1.0   | 1.0   | 1.0   | 1.1   | 1.1   | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | µm               | T-555  |       |
| <b>Colour</b>        |       |       |       |       |       |       |       |       |       |       |       |                  |        |       |
| Hunter               | L     | 93    | 93    | 93    | 93    | 93    | 93    | 93    | 93    | 93    | 93    | 93               | L-a-b  | T-524 |
|                      | a     | -0.8  | -0.8  | -0.8  | -0.8  | -0.8  | -0.8  | -0.8  | -0.8  | -0.8  | -0.8  | -0.8             | L-a-b  | T-524 |
|                      | b     | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5              | L-a-b  | T-524 |

Values are for base stock only; for nominal basis weight including polymer, add 23.4 gsm per 1.0 mil. of polymer. Values are subject to change without notice.

For more information, please contact your Smurfit Westrock representative or visit our website at [smurfitwestrock.com](https://www.smurfitwestrock.com).

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