

# Ancora®

## Consistency you can count on. Print that shines.

For high end graphics and branding, Ancora® is unparalleled. Our coated, two-sided bleached Ancora provides the ultimate in side-to-side consistency. The ultra-smooth print surface and fiber strength are designed to hold up to your most demanding and advanced print jobs. Value added print techniques such as varnishing treatments, foil stamping and embossing are all a breeze. Ancora was designed to maximize your printed impact.

### Product Uses

- Brochures
- Direct mailers
- Point of purchase displays
- Presentation folders
- Luxury merchandise packaging
- Digital printing

### Features and Benefits

Side-to-side consistency

Ancora provides the ultimate in side-to-side uniformity, giving you superior results times two! Maximize your messaging power by creating eye-popping graphics and ultra-fine text on both print surfaces.

Silky-yet-crisp finish

Ultra-smooth surface lets you create graphics that will bring customers in for a closer look. The rich tactile feel will reinforce the message of high quality products.

Uniform ink absorption

Proprietary coating delivers uniform ink absorption and optimal drying. Printed images look richer, have greater depth and have the visual appeal that demands a second look.

Performance, superior utility and versatility

Our unique fiber mix and proprietary coating are designed to have the strength to hold up to your most demanding needs. Special coating and multi-layer print and finishing techniques give you a luxurious product, each and every time, maximizing your printed impact.

Consistent blue-white shade and 90 GE brightness

Engineered for color stability and consistency, Ancora is the perfect choice for any color palette, including skin tones. Ancora delivers crisper colors and sharper contrast while maintaining optimal color fidelity on press to produce graphics that demand attention.

OBA-free

Produced without optical brightening agents (OBA), your print will maintain its visual integrity. Ancora will let your print look as good next week as it does today, even if exposed to direct sun or fluorescent lighting.

Run-to-run consistency

Our process control systems provide unmatched run-to-run consistency, giving you exacting predictability. Fewer surprises and slowdowns mean less paperboard and ink waste, ultimately reducing raw material usage.

FSC®, SFI® or PEFC® certification

Ensures that the fiber used was harvested from responsible, well-managed forests.

## Typical Values

| English                   | Units               | 10-144  | 12-167  | 14-188  | 16-203  | 18-220  | 20-240  | 22-265  | 24-286  |
|---------------------------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Caliper (nominal)         | mils                | 10      | 12      | 14      | 16      | 18      | 20      | 22      | 24      |
| Basis Weight (nominal)    | lbs/3msf            | 144     | 167     | 188     | 203     | 220     | 240     | 265     | 286     |
| Brightness (both sides)   | GE                  | 90      | 90      | 90      | 90      | 90      | 90      | 90      | 90      |
| b* Value (both sides)     | Spectro             | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |
| Smoothness (both sides)   | Sheffield           | 12      | 12      | 12      | 13      | 16      | 16      | 19      | 22      |
| Parker Print (both sides) | microns             | 1.3     | 1.3     | 1.3     | 1.3     | 1.2     | 1.2     | 1.2     | 1.2     |
| Plybond                   | lbs/in <sup>2</sup> | 56      | 52      | 48      | 48      | 48      | 48      | 48      | 48      |
| Stiffness – MD            | Taber g-cm          | 60      | 90      | 130     | 185     | 256     | 330     | 415     | 520     |
| Stiffness – CD            | Taber g-cm          | 30      | 47      | 72      | 100     | 130     | 175     | 230     | 275     |
| Metric                    | Units               | 254-234 | 305-272 | 356-306 | 406-330 | 457-358 | 508-391 | 559-431 | 610-465 |
| Thickness                 | microns             | 254     | 305     | 356     | 406     | 457     | 508     | 559     | 610     |
| Basis Weight              | g/sq. <sup>m</sup>  | 234     | 272     | 306     | 330     | 358     | 391     | 431     | 465     |
| Stiffness – MD            | mN                  | 118     | 176     | 255     | 363     | 502     | 647     | 813     | 1019    |
| Stiffness – CD            | mN                  | 59      | 92      | 141     | 196     | 255     | 343     | 451     | 539     |

## Selected Standards and Certifications

### Fiber procurement and chain-of-custody

- FSC chain-of-custody and controlled wood standards: BV-COC-007380
- SFI fiber sourcing, chain-of-custody, and product labeling certification BV-SFICOC-US007081-I
- PEFC chain-of-custody: BV-PEFC-US008236-I

### Food contact

- USFDA 21 CFR 176.170 - Contact with aqueous and fatty foods
- USFDA 21 CFR 176.180 - Contact with dry food and food types III, IV-A, V, VII-A, VIII and IX
- USFDA 21 CFR 176.260 - Use of reclaimed fiber from manufacturer process
- USFDA 21 CFR 109.30a(9) - PCB content limits to 10 parts per million (ppm)

### 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
- RoHS (Restriction of Hazardous Substances) compliant
- Canadian Environmental Protection Act, 1999 compliant
- European Chemicals Agency (ECHA) Substances of Very High Concern (SVHC) compliant

### Manufacturing

- ISO 9001:2008 certification number QSR-249



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