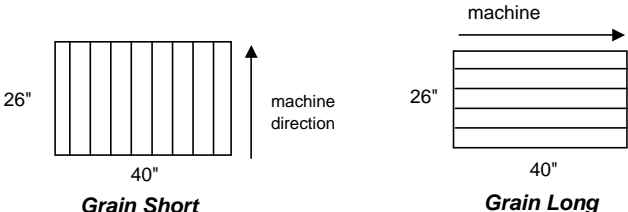


CARNIVAL VERTICAL

Carnival Vertical has an elegant fine embossed pattern to add another dimension to any printing or packaging application. The embossed finish of Carnival Vertical presents excellent printability and foldability. A complementary palette including a 98-bright white teamed with rich, deep colors make this a popular choice for designers, specifiers, and printers. Carnival Vertical offers extraordinary value, performance, quality, and choice.

| Features & Benefits | Colors | | | | |
|--|---|---------------|----------------|------------------|------------------|
| <p>Brightness and Whiteness</p> <ul style="list-style-type: none"> - 98+ Brightness, Stellar White <i>Exhibits a very cool white shade and excellent opacity (97+) for exceptional contrast and print fidelity for any printing job.</i> - 94 Brightness, Carnival White <i>A refreshing cool white shade with high opacity (98+) and high recycle content, which makes it a great performer for every printing and corporate collateral need.</i> <p>Finish</p> <ul style="list-style-type: none"> - Carnival Vertical presents a unique fine lineal embossed finish. - All Carnival Vertical presents a pattern on both sides of the sheet. - The Vertical pattern will not interfere with printing performance or foil-stamping applications . - The Carnival Vertical pattern runs with the machine grain of the sheet. | <p>Stellar White - 98 Bright</p> <p>Deep Blue</p> <p>Ivory</p> <p>New Black</p> <p>New Forest Green</p> <p>Persian Blue</p> <p>Red</p> | | | | |
| <div style="text-align: center;">  <p>Grain Short Grain Long</p> </div> <p>Recycle Content</p> <ul style="list-style-type: none"> - Carnival Vertical is manufactured with a total of 50% recycled content, including a minimum of 30% Post Consumer content. <i>(except for Stellar White, Pure White, and Porcelain which contain no recycle content)</i> - Carnival Vertical meets all governmental recycled paper executive orders <i>(except for Stellar White, Pure White, and Porcelain which contain no recycle content)</i> <p>Archival Properties</p> <ul style="list-style-type: none"> - Alkaline - Lignin Free - Meets ANSI Standards for archivalness - Acid-free - Elemental Chlorine Free (ECF) - Process Chlorine Free (PCF) | <p>Basis Weight and Calipers</p> <table border="0"> <tr> <td>70lb Text</td> <td>5.5</td> </tr> <tr> <td>80lb Cover</td> <td>11.3</td> </tr> </table> | 70lb Text | 5.5 | 80lb Cover | 11.3 |
| 70lb Text | 5.5 | | | | |
| 80lb Cover | 11.3 | | | | |
| <p>End Uses</p> <p><i>Packages, Folders, Annual Reports, Brochures, Greeting Cards, Packaging Applications, Envelopes, Direct Mail, Glue Applied Books</i></p> <p>Envelopes</p> <p><i>Carnival Vertical envelopes are stocked by our official converter:</i></p> <ul style="list-style-type: none"> - National Envelope Company | <p>Machine & Embosser Trim Levels</p> <table border="0"> <tr> <td>Paper Machine</td> <td>120-131 inches</td> </tr> <tr> <td>Embossed Pattern</td> <td>Max 52.00 inches</td> </tr> </table> | Paper Machine | 120-131 inches | Embossed Pattern | Max 52.00 inches |
| Paper Machine | 120-131 inches | | | | |
| Embossed Pattern | Max 52.00 inches | | | | |