

# PERGRAPHICA® Dark & Deep Colours

## Paper for Perfectionists

Perfection is in the details. That's why selecting the right paper should be at the heart of every creative print and packaging project. PERGRAPHICA® is a full spectrum premium design paper that was made to serve as the perfect, tactile backdrop to your design work and creative communication.

As we experience paper media with all the senses, we developed PERGRAPHICA® in distinctive shades and surfaces to give contrast, depth and texture to your designs. And life isn't just black and white, so we made sure that your projects don't have to be either. With our 31 PERGRAPHICA® Colours, the choice is yours to let all the colour in. Whatever feeling you want to evoke, we have the right shade for you! Everything you need to enhance a message, engaging both sight and touch to add another dimension to your project.

High-touch PERGRAPHICA® haptics offer a subliminal means of communication in a high-tech world, where sensory experiences are becoming rarer. Seeing is believing, touching is trusting. We can misunderstand, we can mishear, but we can never misfeel.



**PERGRAPHICA®**

### Certificates



#### Further certificates

FSC™, Green Range, Free of Heavy Metals, OBA free Confirmation, ISO 9001, EN71-3 Toy Safety, REACH, ISO 14001, ECF Confirmation

### Product benefits

Particularly well suited to luxury packaging for cosmetics and perfumes, wines, champagnes and spirits, as well as boutique bags

Optimised for multiple printing, post-print processing techniques and converting

PERGRAPHICA® combines the advantages of Offset and Digital printing

To allow for truly unique paper projects, our papers have proven their performance in hot foil stamping, embossing and debossing, laser cutting and engraving and relief coating, to name but a few

Excellent folding properties with reduced breaks

### Typical applications

premium creative prints, premium luxury packaging, boutique bags, notebooks, gift boxes, liners, cosmetic, perfume and liquor boxes

### Technical specification

| Parameter Name     | Unit             | ISO code   | 90 <sup>1</sup> | 90 <sup>2</sup> | 120 <sup>3</sup> | 120 <sup>4</sup> | 160 <sup>5</sup> | 160 <sup>6</sup> | 250 <sup>7</sup> | 250 <sup>8</sup> | 250 <sup>9</sup> | 250 <sup>10</sup> | 330 <sup>11</sup> | 330 <sup>12</sup> | 330 <sup>13</sup> |
|--------------------|------------------|------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|
| Basis weight       | g/m <sup>2</sup> | ISO 536    | 90<br>± 4.0     | 90<br>± 4.0     | 120<br>± 4.0     | 120<br>± 4.0     | 160<br>± 6.0     | 160<br>± 6.0     | 250<br>± 10.0    | 250<br>± 10.0    | 250<br>± 10.0    | 250<br>± 10.0     | 330<br>± 10.0     | 330<br>± 10.0     | 330<br>± 10.0     |
| Caliper            | µm               | ISO 534    | 120<br>± 4      | 120<br>± 4      | 159<br>± 6       | 159<br>± 6       | 208<br>± 7       | 208<br>± 7       | 332<br>± 9       | 332<br>± 9       | 332<br>± 9       | 332<br>± 9        | 422<br>± 10       | 422<br>± 10       | 422<br>± 10       |
| Roughness Bendtsen | ml/min           | ISO 8791-2 | 230<br>± 50     | 230<br>± 50     | 230<br>± 50      | 230<br>± 50      | 230<br>± 50      | 230<br>± 50      | 230<br>± 50      | 230<br>± 50      | 230<br>± 50      | 230<br>± 50       | 230<br>± 50       | 230<br>± 50       | 230<br>± 50       |
| Moisture abs.      | %                | ISO 287    | 6.5<br>± 0.5    | 6.5<br>± 0.5    | 6.5<br>± 0.5     | 6.5<br>± 0.5     | 6.5<br>± 0.5     | 6.5<br>± 0.5     | 5.2<br>± 0.5     | 6.5<br>± 0.5     | 6.5<br>± 0.5     | 5.2<br>± 0.5      | 5.2<br>± 0.5      | 6.5<br>± 0.5      | 6.5<br>± 0.5      |

| Parameter Name     | Unit             | ISO code   | 330 <sup>14</sup> | 400 <sup>15</sup> | 400 <sup>16</sup> | 400 <sup>17</sup> | 400 <sup>18</sup> |
|--------------------|------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Basis weight       | g/m <sup>2</sup> | ISO 536    | 330<br>± 10.0     | 400<br>± 13.0     | 400<br>± 13.0     | 400<br>± 13.0     | 400<br>± 13.0     |
| Caliper            | µm               | ISO 534    | 422<br>± 10       | 516<br>± 12       | 516<br>± 12       | 516<br>± 12       | 516<br>± 12       |
| Roughness Bendtsen | ml/min           | ISO 8791-2 | 230<br>± 50       | 230<br>± 50       | 230<br>± 50       | 230<br>± 50       | 230<br>± 50       |
| Moisture abs.      | %                | ISO 287    | 5.2<br>± 0.5      | 5.2<br>± 0.5      | 6.5<br>± 0.5      | 5.2<br>± 0.5      | 6.5<br>± 0.5      |

<sup>1</sup> Folio | <sup>2</sup> Folio | <sup>3</sup> Folio | <sup>4</sup> Folio | <sup>5</sup> Folio | <sup>6</sup> Folio | <sup>7</sup> Folio | <sup>8</sup> Folio | <sup>9</sup> Folio | <sup>10</sup> Folio | <sup>11</sup> Folio | <sup>12</sup> Folio | <sup>13</sup> Folio | <sup>14</sup> Folio | <sup>15</sup> Folio | <sup>16</sup> Folio | <sup>17</sup> Folio | <sup>18</sup> Folio |

SIGNIFICANCE OF VALUES: 2 SIGMA