



Product information sheet

Magno™ matt

Coated fine paper available in sheets and reels for offset printing

Technical specifications

| PARAMETER | STANDARD | UNIT | | | | | | | | | | | | |
|---------------------------------|----------------|------------------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| BASIS WEIGHT | ISO 536 | g/m² | 90 | 100 | 115 | 130 | 135 | 150 | 170 | 200 | 250 | 300 | 350 | 400 |
| THICKNESS | ISO 534 | µm | 81 | 90 | 104 | 117 | 122 | 135 | 153 | 180 | 225 | 282 | 347 | 412 |
| SPEC. VOLUME | ISO 534 | cm ³ /g | 0,90 | 0,90 | 0,90 | 0,90 | 0,90 | 0,90 | 0,90 | 0,90 | 0,90 | 0,94 | 0,99 | 1,03 |
| CIE WHITENESS (D65/10°) | ISO 11475 | % | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 125 | 125 | 125 | 125 |
| BRIGHTNESS (illuminant D65/10°) | ISO 2470-2 | % | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 99 | 99 | 99 |
| ROUGHNESS PPS | ISO 8791-4 | % | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,1 | 2,1 | 2,1 | 1,6 | 1,8 | 2,0 | 2,1 |
| GLOSS TAPPI 75° | ISO 8254-1 | % | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| OPACITY | ISO 2471 | % | 91 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 98,5 | 99 | 99,5 | 99,5 |
| RELATIVE HUMIDITY (23°C) | TAPPI 502 | % | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| PH VALUE | ISO 6588 | - | >7 | >7 | >7 | >7 | >7 | >7 | >7 | >7 | >7 | >7 | >7 | >7 |

Print recommendations

| | |
|-------------------------|---|
| Screen ruling | All existing half tone technologies. |
| Printing Inks | Any suitable quality ink. |
| Dot area | For dot areas over 320% we recommend Under Colour Removal (UCR). |
| Processing | Allow paper time to acclimatise to press room conditions before removing outer packaging. Strapping bands (if applied) should be removed shortly after delivery. Outer wrappers should be removed only when ready to print. Ideal press room conditions should be 50% ± 5 % relative humidity at 20°C. |
| Finishing | Suitable for all standard finishes, foil laminating (>130gsm), embossing and die cutting. Varnishes include: dispersion, print, UV, spot, relief, iriodin, scented & aqueous. |
| Converting | Pre-creasing before folding is recommended from 135 um thickness onwards. Crease channel width should be a minimum of 2x paper thickness plus thickness creasing knife (plus or minus 0,2 mm). Crease channel depth should ± 1.5x paper thickness. Creasing knife 2 point (0,71 mm) (this and that depending on your crease/fold device). |
| Assisted drying methods | When using infra red drying methods, stack temperature should not exceed 37°C. Suitable for UV cure inks. |

Mill and product certifications

| MILL CERTIFICATION | | | | | | PRODUCT CERTIFICATION | | | | |
|--------------------|-----------|----------|-------------|------------|------------|-----------------------|----------------------|----------|--------------|------------|
| EMAS | ISO 14001 | ISO 9001 | OHSAS 18001 | PEFC C.o.C | FSC™ C.o.C | TCF/ ECF | PEFC credit material | FSC™ Mix | Food contact | Toy safety |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

FSC™ & PEFC may have limited availability, please check with your local sales office. To learn more about all of these certifications and to receive copies please contact your local sales office.

Target production values

Regional variations in specifications may apply; please contact your local Sales office for more information.

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