

# W/F OFFSET PAPER

Your reliable and flexible uncoated wood-free paper for offset printing.

An uncoated, wood-free offset paper with excellent surface properties and smoothness for problem-free print runs.

## Certificates



**Further certificates**  
ISO 14001

## Product benefits

- Exceptional runnability for increasing production speed
- Perfect surface for an even print result
- High dimension stability for sharp multi-coloured print results
- Highest environmental credentials and low CO<sub>2</sub> emissions to emphasise your eco-conscious corporate identity and message
- Recommended for sheet fed or web printing presses
- Suitable for full colour applications

## Typical applications

Annual reports, Stationery, Magazines, Books, Brochures

## Technical specification

Parameter Name	Unit	ISO code	60 <sup>1</sup>	60 <sup>2</sup>	70 <sup>3</sup>	70 <sup>4</sup>	80 <sup>5</sup>	80 <sup>6</sup>	90 <sup>7</sup>	90 <sup>8</sup>	100 <sup>9</sup>	100 <sup>10</sup>	110	120 <sup>11</sup>	120 <sup>12</sup>
Basis weight	g/m <sup>2</sup>	ISO 536	60 ± 2.0	60 ± 2.0	70 ± 2.5	70 ± 2.5	80 ± 3.0	80 ± 3.0	90 ± 3.5	90 ± 3.0	100 ± 4.0	100 ± 4.0	110 ± 4.0	120 ± 4.5	120 ± 4.5
Roughness Bendtsen	ml/min	ISO 8791-2	220 ± 100	225 ± 75	220 ± 100	225 ± 75	220 ± 100	225 ± 75	220 ± 100	225 ± 75	220 ± 100	225 ± 75	225 ± 75	220 ± 100	225 ± 75
Opacity	%	ISO 2471	83.0	87.0 ± 1	85.0	90.0 ± 1	87.0	92.0 ± 1	88.0	93.0 ± 1	91.0	94.0 ± 1	95.0 ± 1	91.0	96.0 ± 1
Brightness UV	%	ISO 2470	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	104.0 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	104.0 ± 1.5	103.5 ± 1.5
CIE Whiteness	%	ISO 11475	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0
Moisture abs.	%	ISO 287		6.2 ± 0.7	6.0 ± 1.0	6.2 ± 0.7	6.0 ± 1.0	6.2 ± 0.7	6.0 ± 1.0	6.2 ± 0.7	6.0 ± 1.0	6.2 ± 0.7	6.2 ± 0.7	6.0 ± 1.0	6.2 ± 0.7

Parameter Name	Unit	ISO code	140	150	170	190	250	300	350	400
Basis weight	g/m <sup>2</sup>	ISO 536	140 ± 5.5	150 ± 6.0	170 ± 7.0	190 ± 7.0	250 ± 8.0	300 ± 10.0	350 ± 10.0	400 ± 15.0
Roughness Bendtsen	ml/min	ISO 8791-2	225 ± 75	225 ± 75	225 ± 75	225 ± 75	225 ± 75	225 ± 75	225 ± 75	225 ± 75
Opacity	%	ISO 2471	98.0 ± 1	99.0 ± 1	99.0 ± 1	99.0 ± 1	99.0 ± 1	99.0 ± 1	99.0 ± 1	99.0 ± 1
Moisture abs.	%	ISO 287	6.2 ± 0.7	6.2 ± 0.7	6.2 ± 0.7	6.2 ± 0.7	6.2 ± 0.7	6.2 ± 0.7	6.2 ± 0.7	6.2 ± 0.7
Brightness UV	%	ISO 2470	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5	103.5 ± 1.5
CIE Whiteness	%	ISO 11475	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0	145 ± 3.0

<sup>1</sup> Reel | <sup>2</sup> Folio | <sup>3</sup> Reel | <sup>4</sup> Reel,Folio | <sup>5</sup> Reel | <sup>6</sup> Reel,Folio | <sup>7</sup> Reel | <sup>8</sup> Reel,Folio | <sup>9</sup> Reel | <sup>10</sup> Reel,Folio | <sup>11</sup> Reel | <sup>12</sup> Folio |

n.a. Product meets DIN 19306-2, Printing paper - part 2: Technical delivery specifications for offset paper, coated and uncoated, white and ISO 9706, requirements for permanence for paper. Production processes certified according to ISO 9001, ISO 14001 and ISO 45001. Standard measurement uncertainty between laboratories is not incorporated.

SIGNIFICANCE OF VALUES: 2 SIGMA