

### ConFlex Fine Gloss WHITE MF KRAFT PAPER

Production Unit: Pietarsaari

#### End uses

ConFlex Fine Gloss is used for flexible packaging, for lamination and flexoprinting using water-soluble printing inks.

#### Grammages

70-120 g/m<sup>2</sup>

#### Materials

ConFlex Fine Gloss is produced from pure, white kraft pulp and consists entirely of virgin fibres. ConFlex Fine Gloss, with a glossy surface, is soft calendered and contains fillers to achieve its characteristic whiteness and higher opacity.

#### Approvals

ConFlex Fine Gloss is produced in compliance with BfR and FDA food packaging norms.

#### Certification

Pietarsaari mill is certified in accordance with ISO 9001, ISO 14001, OHSAS 18001 and FSSC 22000. ConFlex Fine Gloss is available as FSC® Certified paper (FSC-C113010) or PEFC™ (PEFC/02-31-216) certified material.

Property	Unit								Method
Grammage	g/m <sup>2</sup>		70	80	90	100	110	120	ISO 536
Thickness	µm		80	90	100	110	120	128	ISO 534
Tensile strength	kN/m	MD	6.0	6.8	7.6	8.5	9.3	10.2	ISO 1924-3
	kN/m	CD	3.5	4.0	4.5	5.0	5.5	6.0	
Tensile index	Nm/g	MD	85	85	85	85	85	85	ISO 1924-3
	Nm/g	CD	50	50	50	50	50	50	
Stretch	%	MD	1.9	1.9	2.0	2.1	2.2	2.3	ISO 1924-3
	%	CD	6.5	6.5	6.5	6.5	6.5	6.5	
TEA	J/m <sup>2</sup>	MD	77	88	100	110	120	130	ISO 1924-3
	J/m <sup>2</sup>	CD	145	170	180	200	220	240	
TEA Index	J/g	MD	1.1	1.1	1.1	1.1	1.1	1.1	ISO 1924-3
	J/g	CD	2.1	2.1	2.1	2.0	2.0	2.0	
Tear strength	mN	MD	600	720	810	950	1050	1200	ISO 1974
	mN	CD	630	760	850	1000	1100	1260	
Tear index	mNm <sup>2</sup> /g	MD	8.5	9.0	9.0	9.5	9.5	10.0	ISO 1974
	mNm <sup>2</sup> /g	CD	9.0	9.5	9.5	10.0	10.0	10.5	
Burst index	kPa m <sup>2</sup> /g		240	280	315	360	395	430	ISO 2758
			3.4	3.5	3.5	3.6	3.6	3.6	
Roughness	ml/min	WS	70	80	90	100	110	120	ISO 8791-2
	ml/min	TS	150	175	200	200	225	250	
Whiteness	%		88	88	88	88	88	88	ISO 11475
Gloss Hunter	%		18	18	18	18	18	18	ISO 8254-1
Cobb 60s	g/m <sup>2</sup>	WS	26	26	26	26	26	26	ISO 535
Air resistance	s		65	70	75	80	80	90	ISO 5636-5
Moisture	%		7.2	7.2	7.2	7.2	7.2	7.2	ISO 287

MD = Machine Direction  
CD = Cross Direction

TS = Top side  
WS = Smooth Wire side (winded outside)

Test climate: 50% RH, 23C

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The table shows typical values