

ConFlex Light

WHITE MG KRAFT PAPER

Production Unit: Skärblacka PM8

End uses

ConFlex Light is a strong paper with a smooth, glossy surface. It is designed for Wrappings and extrusion coated Flexible Packaging printed in flexography.

Grammages

22-40 gsm

Materials

ConFlex Light is produced from pure bleached pulp and consists entirely of primary fibers. The long and strong fibres, from the forests of the Nordic region, give the paper its inherent strength.

Printing method

Flexography

Approvals

ConFlex Light is produced in compliance with regulation (EC) No 1935/2004 and regulation (EC) No 2023/2026 with amendments on materials and articles intended to come into contact with food. ConFlex Light complies with relevant parts of the food packaging norms BfR XXXVI, FDA 21 CFR §176.170, FDA 21 CFR §176.180, GB4806.1-2016 and GB4806.8-2016.

Certification

ConFlex Light is produced at Billerud Skärblacka, which is certified in accordance with ISO 9001, ISO 14001 and with FSSC 22000.

Material recovery

ConFlex Light is suited for material recycling (EN 13430) and energy recovery (EN 13431). ConFlex Light fulfils the demands for industrial composting (EN 13432 clauses 4.2.2 and 4.3.2 and ISO 18606:2013) and has, in addition, been approved for home compostability.

Property	Unit							Method
Grammage	g/m ²		22	25	30	35	40	ISO 536
Thickness	µm		44	48	54	61	68	ISO 534
Tensile strength	kN/m	MD	1.7	1.9	2.4	2.9	3.4	ISO 1924-3
	kN/m	CD	0.65	0.8	1.0	1.2	1.5	
Tearing resistance	mN	MD	125	145	180	220	260	ISO 1974
	mN	CD	210	245	280	340	390	
Bursting strength	kPa		60	70	90	110	130	ISO 2758
Air resistance	s		1.0	1.6	3.2	5.4	7.5	ISO 5636-5
Gloss	%	MG	28	28	26	26	26	Tappi T480
Cobb 60s	g/m ²	MG	24	24	24	24	24	ISO 535
Roughness (Bendtsen)	ml/min	MG	230	220	200	200	200	ISO 8791-2
		RS	700	800	950	1100	1200	
ISO Brightness	%		86	86	86	86	86	ISO 2470
Moisture content	%		5.5	5.4	5.4	5.4	5.4	Online QCS

MD = Machine Direction

CD = Cross Direction

MG = MG-side/RS = Reverse side

Test climate: 50% RH, 23C

The table shows typical values