

ConFlex Glaze

WHITE MG KRAFT PAPER

Production Unit: Skärblacka PM10

End uses

ConFlex Glaze is a strong paper with a glossy, smooth surface. It is designed for extrusion coating, lamination and flexography printing and is used mainly in Flexible Packaging and Wrappings.

Grammages

35 - 110 gsm

Materials

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

Printing method

Flexography

Approvals

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

Material recovery

ConFlex Glaze is suited for material recycling (EN 13430) and energy recovery (EN 13431). ConFlex Glaze 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		35	40	50	60	70	75	80	90	95	100	110	ISO 536
Thickness	µm		50	57	69	81	93	99	105	118	124	130	142	ISO 534
Tensile strength	kN/m	MD	3.4	3.8	4.6	5.3	6.1	6.5	6.8	7.5	7.9	8.3	8.6	ISO 1924-3
	kN/m	CD	1.9	2.2	2.6	3.1	3.6	3.9	4.1	4.6	4.8	5.0	5.5	
Tearing resistance	mN	MD	178	220	335	460	585	645	710	835	900	960	1088	ISO 1974
	mN	CD	220	260	390	530	675	745	820	960	1030	1100	1250	
Bursting strength	kPa		125	145	185	225	265	285	305	345	365	385	425	ISO 2758
Air resistance	s		40	40	30	30	30	30	30	30	30	20	20	ISO 5636-5
Cobb 60s	g/m ²		MG	26	26	26	27	27	27	27	27	27	27	ISO 535
Roughness (Bendtsen)	ml/min	MG	86	93	114	128	143	150	157	172	179	187	201	ISO 8791-2
		RS	759	836	990	1144	1248	1284	1319	1452	1519	1586	1719	
Opacity	%		54	60	67	72	78	79	80	84	84	85	87	ISO 2471
ISO Brightness	%		84	84	84	84	84	84	84	84	84	84	84	ISO 2470
Moisture content	%		6.0	6.0	6.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	Online QCS

MD = Machine Direction

CD = Cross Direction

MG = MG-side/RS = Reverse side

Test climate: 50% RH, 23C

The table shows typical values