



Date: September 27, 2019

ConFlex Silk Plus WHITE MG KRAFT PAPER

Production Unit: Skärblacka PM10

End uses

ConFlex Silk Plus is a strong paper with a glossy, closed surface and enhanced smoothness through in line calendering. It is designed for coating applications, rotogravure printing and high quality flexography printing where enhanced "hold out" and high smoothness are required. Main end uses include high quality Flexible Packaging.

Grammages

35 - 70 gsm

Materials

ConFlex Silk Plus is produced from pure bleached pulp and consists entirely of primary fibers. These fibers are from slow growing Scandinavian forest, which gives the paper its inherent strength.

Printing method

Flexography, Rotogravure

Approvals

ConFlex Silk Plus is produced in compliance with BfR and FDA food packaging norms.

Certification

ConFlex Silk Plus is produced at BillerudKorsnäs Skärblacka, which is certified in accordance with ISO 9001, ISO 14001 and FSSC 22000.

ConFlex Silk Plus is certified as industrial compostable and has been awarded with the TÜV Austria OK Compost mark in accordance with ISO 18606:2013 and EN 13432 (09-2000). In addition, ConFlex Silk Plus has been approved for home compostability and awarded with the TÜV Austria OK Compost HOME mark.

Property	Unit								Method
Grammage	g/m ²		35	40	45	50	60	70	ISO 536
Caliper	µm		44	49	54	59	69	80	ISO 534
Tensile strength	kN/m	MD	3.5	4.0	4.4	4.9	5.9	6.9	ISO 1924-3
		CD	2.0	2.3	2.5	2.8	3.4	3.9	
Tear strength	mN	MD	175	220	270	315	410	505	ISO 1974
		CD	220	250	305	365	480	595	
Burst Strength	kPa		125	150	170	190	240	275	ISO 2758
Air resistance	s		55	55	55	55	55	50	ISO 5636-5
Cobb 60s	g/m ²	MG	24	24	24	24	24	24	ISO 535
Surface roughness	ml/min	MG	50	50	50	55	55	60	ISO 8791-2
		RS	325	340	350	365	390	400	
Opacity	%		54	60	63	69	74	77	ISO 2471
ISO Brightness	%		84	84	84	84	84	84	ISO 2470
Moisture	%		6.0	6.0	6.0	6.0	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

This specification is valid until 2020-09-27, or until a new specification has been sent to the customer.