

ConFlex Silk Plus
WHITE MG KRAFT PAPER

Production Unit: Skärblacka

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 - 60 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, ISO 50001 and FSSC 22000. ConFlex Silk Plus is certified as compostable in accordance with ISO 18606:2013 and EN 13432 (09-2000).

Property	Unit					Method
Grammage	g/m ²	35	40	50	60	ISO 536
Caliper	µm	42	48	58	69	ISO 534
Tensile strength	kN/m MD	3.4	3.9	4.9	5.9	ISO 1924-3
	kN/m CD	2.0	2.3	2.8	3.3	
Tear strength	mN MD	200	240	330	430	ISO 1974
	mN CD	205	250	360	500	
Burst Strength	kPa	120	140	185	240	ISO 2758
Air resistance	s	55	55	55	55	ISO 5636-5
Cobb 60s	g/m ² MG	24	24	24	24	ISO 535
Surface roughness	ml/min MG	35	35	35	35	ISO 8791-2
	ml/min RS	180	180	220	240	
Opacity	%	56	60	66.5	71.5	ISO 2471
ISO Brightness	%	83	83	83	83	ISO 2470
Moisture	%	5.4	5.4	5.7	5.7	Online QCS

MD = Machine Direction

CD = Cross Direction

MG = MG-side/RS = Reverse side

Test climate: 50% RH, 23C

The table shows typical values