



Date: September 09, 2019

ConFlex Repel 4D WHITE MG KRAFT PAPER

Production Unit: Skärblacka

End uses

ConFlex Repel 4D is a grease resistant paper designed for extrusion coating, lamination and flexography printing and is used mainly in Flexible Packaging, Bags and Wrappings.

Grammages

40 - 50 gsm

Materials

ConFlex Repel 4D 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

Approvals

ConFlex Repel 4D is produced in compliance with BfR and FDA food packaging norms.

Certification

ConFlex Repel 4D is produced at BillerudKorsnäs Skärblacka, which are certified in accordance with ISO 9001 and ISO 14001. BillerudKorsnäs Skärblacka is certified in accordance with FSSC 22000.

Property	Unit					Method
Grammage	g/m ²		40	45	50	ISO 536
Caliper	µm		53	59	65	ISO 534
Tensile strength	kN/m	MD	4.8	5.4	6.0	ISO 1924-3
	kN/m	CD	2.9	3.2	3.6	
Tear strength	mN	MD	205	230	255	ISO 1974
	mN	CD	210	235	260	
Burst Strength	kPa		170	190	210	ISO 2758
Air resistance	s		55	55	55	ISO 5636-5
Cobb 60s	g/m ²	MG	26	26	26	ISO 535
Surface roughness	ml/min	MG	115	120	125	ISO 8791-2
Grease/oil resistance	Kit test	MG	4	4	4	TAPPI 512
		RS				
Moisture	%		5.7	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