



Date: March 24, 2021

### ConFlex Repel 4D WS WHITE MG KRAFT PAPER

Production Unit: Skärblacka

#### End uses

ConFlex Repel 4D WS 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, Bags and Wrappings.

#### Grammages

34 - 45 gsm

#### Materials

ConFlex Repel 4D WS is produced from pure bleached pulp and consists entirely of primary fibers with addition of wet strength agent. The long and strong fibres, from the forests of the Nordic region, give the paper its inherent strength.

#### Printing method

Flexography

#### Approvals

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

#### Material recovery

ConFlex Repel 4D WS is suited for material recycling (EN 13430) and energy recovery (EN 13431).

Property	Unit						Method
Grammage	g/m <sup>2</sup>		34	38	40	45	ISO 536
Caliper	µm		47	51	53	59	ISO 534
Tensile strength	kN/m	MD	4.0	4.5	4.7	5.2	ISO 1924-3
	kN/m	CD	2.2	2.5	2.6	3.0	
Wet tensile strength	kN/m	MD	0.5	0.5	0.5	0.5	ISO 1924-3
Tear strength	mN	MD	170	200	220	270	ISO 1974
	mN	CD	180	210	230	280	
Burst Strength	kPa		140	160	170	190	ISO 2758
Air resistance	s		55	55	55	55	ISO 5636-5
Cobb 60s	g/m <sup>2</sup>	MG	26	26	26	26	ISO 535
Surface roughness	ml/min	MG	95	100	100	105	ISO 8791-2
Grease/oil resistance	Kit test	MG RS	4	4	4	4	TAPPI 559
Moisture	%		5.7	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