

SteriKraft D

WHITE MG KRAFT PAPER

Production Unit: Skärblacka

End uses

SteriKraft D is a bleached wet strength paper with excellent bacterial barrier properties, high cleanliness, and low and controlled bioburden. It is suitable as a top web for direct heat sealing to plastic films. SteriKraft D has a higher seal strength compared to SteriKraft G, to suite a wider range of films.

Grammages

60 and 70 gsm

Materials

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

Sterilization Method

The packed product can be sterilized by treatment with ETO or irradiation sterilization. When using 70 g/m² paper also steam sterilization can be used.

Approvals

SteriKraft D is produced in compliance with ISO11607-1 and EN868-6. For 70 g/m² the paper is also produced according to EN868-3. SteriKraft D 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. SteriKraft D 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

SteriKraft D is produced at Billerud Skärblacka, which is certified in accordance with ISO 9001, ISO 14001, ISO 50001 and FSSC 22000.

Material recovery

SteriKraft D is recyclable according to method PTS-RH 021/97.

Property	Unit			Method	
Grammage	g/m ²	60	70	ISO 536	
Tensile strength	kN/m	MD CD	6.6 3.9	7.4 4.4	ISO 1924-3
Tensile strength, wet	kN/m	MD	1.2	1.2	ISO 3781
Tearing resistance	mN	MD CD	460 510	580 670	ISO 1974
Bursting strength	kPa		290	320	ISO 2758
Air resistance	s		28	28	ISO 5636-5
Porosity (Bendtsen)*	ml/min		430	430	ISO 5636-5*
Cobb 60s	g/m ²	MG	19	19	ISO 535
Roughness (Bendtsen)	ml/min	MG	100	120	ISO 8791-2
pH hot water extract			6	6	ISO 6588-2

*Calculated from Gurley measurements

MD = Machine Direction

CD = Cross Direction

MG = MG-side/RS = Reverse side

Test climate: 50% RH, 23C

The table shows typical values