

SCA Kraftliner White Top

# When first impressions matter



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Our premium presentation Kraftliner has a top layer that is smooth and naturally white, which makes it the best choice for products that need to make an impression. It also boasts excellent strength and performance.

The white top layer and its printability opens up a world of creative solutions for better product presentation. But it also allows full play on the two background colours – white inside and brown outside, or the other way around.

SCA Kraftliner White Top is produced with a base layer of mainly fresh fibre and a surface layer of the finest fresh fibre in a totally chlorine-free process where no OBAs are added. This makes it suitable for packaging materials that require purity.

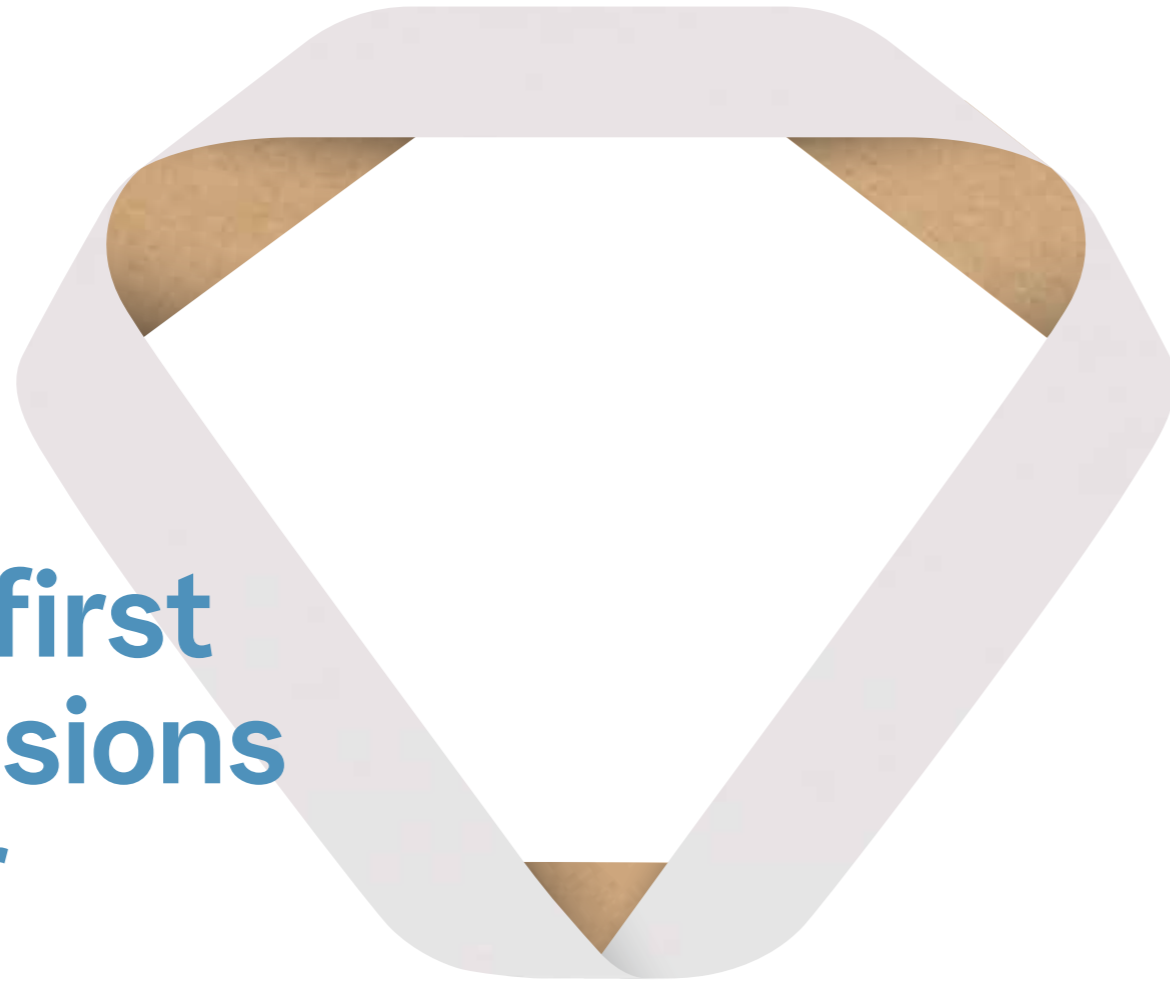
## Control

Our strict control programme ensures that the moisture, strength, and glue absorption properties remain uniform and well defined. A high-tech process control enables our product to handle the most demanding corrugating and conversion processes. A rejection limit on peak-to-peak CD variation classifies all moisture and dry streaks within the reel. This is essential for excellent runnability on

modern high-speed corrugators and for the production of flat board. It also guarantees fewer defects and failures, and less waste.

## Performance

By using SCA Kraftliner White Top you get high quality printing properties, excellent runnability and a top-of-the-line product that meets the highest quality standards. This environmentally sound Kraftliner, free of optical brightening agents (OBAs), brings out the best in your application with its super smooth surface, gives extremely good printing results, uses less ink and has an attractive natural white shade. By not adding OBAs to our Kraftliners the consistency in colour representation is increased and the environmental impact is reduced. SCA Kraftliner White Top fulfils the legal demands for direct contact with fatty, moist and dry food as well as foodstuffs that are shelled, peeled or washed before consumption.



## TYPICAL VALUES\* (as of July 2018)

Property	Unit	Method					
Grammage	g/m <sup>2</sup>	ISO 536	125	135	160	175	200
Thickness	µm	ISO 534	145	160	190	205	240
Bursting strength	kPa	ISO 2758	560	610	710	780	880
SCT CD	kN/m	ISO 9895	2.5	2.7	3.1	3.3	3.8
SCT MD	kN/m	ISO 9895	4.5	4.8	5.5	5.8	6.7
Tensile strength MD	kN/m	ISO 1924-3	14.0	15.1	17.5	19.4	21.3
Tensile strength CD	kN/m	ISO 1924-3	5.6	6.1	7.0	7.7	8.8
Tensile stiffness MD	kN/m	ISO 1924-3	1190	1290	1460	1580	1750
Tensile stiffness CD	kN/m	ISO 1924-3	450	490	550	600	680
Moisture average	%	Online	7	7	7	7	7
Porosity, Gurley	sec	ISO 5636-5	100	100	100	100	100
Brightness	%	ISO 2470-1	75	75	75	75	75
Roughness, Bendtsen	ml/min	ISO 8791-2	240	260	350	360	450
Cobb 60	g/m <sup>2</sup>	ISO 535	32	32	32	32	32
Colour, L* value		ISO 5631-2	89	89	90	90	90
Colour, a* value		ISO 5631-2	0.2	0.2	0.2	0.2	0.2
Colour, b* value		ISO 5631-2	0.8	0.8	0.8	0.8	0.8

\* Typical value is our long-term average, typically the last annual average based on all measures on customer reels.

**Bursting strength:** High bursting strength is important for the containability of the corrugated box and the box performance in varying climate conditions, such as cold storage or freezer applications. It is also evidence of high fresh fibre content, which improves convertibility by reducing cracking and dusting when die cutting.

**SCT MD/CD:** The compression strength is vital for the edge crush strength (ECT) of the board, which in turn is significant for the box compression strength (BCT).

**Tensile stiffness:** Tensile stiffness of the liner in combination with the thickness of the corrugated board determines the bending stiffness of the corrugated board, which is key to resisting bulging of boxes and trays.

**Moisture:** Even moisture profile is essential for excellent runnability on modern high-speed corrugators and for the production of flat board.

**Testing conditions**  
All our values are based on testing at standard climate, 50% RH and 23°C. Our testing equipment is calibrated versus the Greenhouse Comparative Testing.

Latest updated version can be found on [www.sca.com/containerboard](http://www.sca.com/containerboard)



**WWF's Environmental Paper Company Index**  
SCA Containerboard has increased its scores overall from 75,3% in 2013 to 77,3% in 2017.



## The right product for the right job



SCA Kraftliner  
White Top



SCA Kraftliner  
Heavy Duty



SCA Kraftliner  
Wet Strength



SCA Kraftliner



SCA Eurokraft

All Kraftliner products are based on our original, highquality **SCA Kraftliner**, made from a base layer of mainly fresh fibre and a surface layer of the finest unbleached fresh fibre.

The superior properties of SCA Kraftliner make it suitable for demanding applications, and by adding reliable technical properties we achieve outstanding performance for a range of specific purposes — consumer durables, electronics, hazardous goods, industrial products, and frozen foods, etc.

Our Kraftliner product extensions — **White Top** with brilliant performance and high-quality printing properties, **Wet Strength** for maximum capacity in high humidity and long-term storage, and higher grammage **Heavy Duty** for extreme execution in demanding applications — are the result of our own R&D.

**SCA Eurokraft** is our complement to the Kraftliner product range for less demanding applications. A bottom ply based on recycled fibre and a top ply of purely fresh fibre offer higher capability than recycled liners.

