

SCA Kraftliner Heavy Duty

Powering for heavy business



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This is a very successful field of R&D where we have developed the highest grammages even up to 440 gsm. Our unique machine assets and long experience enable us to offer our Kraftliner Heavy Duty for heavy business. It is optimal for extremely heavy goods packaging solutions.

SCA Kraftliner Heavy Duty is produced with a base layer of mainly fresh fibre and a surface layer of the finest unbleached fibre that provide excellent strength, long-life durability and maximum protection. It is optimal for extremely heavy goods such as completely knocked down (CKD) cars, and also suited for other industrial applications where the value of goods needs to be protected. Important segments are the automotive, electronics and furniture industries.

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

The added strength and performance of SCA Kraftliner Heavy Duty opens a door to new innovative and extreme applications. This provides exceptional convertibility performance and offers new ways to challenge conventions. SCA Kraftliner Heavy Duty 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 April 2026)

Property	Unit	Method	225	250	275	300	337	400	440
Grammage	lb/1000 sq ft	ISO 536	46	51	56	61	69	82	90
Thickness	0.001 in	ISO 534	11.8	13.0	14.2	15.4	17.1	20.1	22.2
Bursting strength	psi	ISO 2758	126	139	146	158	175	209	229
SCT CD	lb/in	ISO 9895	24.6	27.4	30.3	32.5	34.8	41.1	44.5
SCT MD	lb/in	ISO 9895	38.3	42.3	44.5	47.4	52.5	60.5	67.4
Tensile stiffness CD	lb/in	ISO 1924-3	4425	4911	5510	5939	6481	6909	7309
Tensile stiffness MD	lb/in	ISO 1924-3	11534	11877	12334	12962	14218	16046	17016
Roughness, Bendtsen	ml/min	ISO 8791-2	850	900	1050	1200	1200	1200	1300
Cobb 60	g/m ²	ISO 535	30	29	29	29	29	29	29

*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: 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.

Testing conditions

All our values are based on testing at standard climate, 50% RH and 23°C. We participate in the Cepi-CTS.

Reel core diameter: 4".

Latest updated version can be found on www.sca.com/containerboard



Quality management ISO 9001
Environmental management ISO 14001
Occupational health and safety management ISO 45001
Energy management ISO 50001



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, high quality **SCA Kraftliner**, with a base of mainly fresh fibre and a smooth 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 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 Kraft Top product. It has a base of recycled fibres and a top layer made with purely fresh fibre that offers higher performance than recycled liners.

