



AvantKraft Brown™

Unbleached kraftliner

AvantKraft Brown is predominantly fresh fiber based natural brown kraftliner for corrugated packaging with excellent strength stability and high performance. It offers protection and creep resistance during long-haul deliveries and temperature changes.

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Typical values (are based on machine reel average valued measured during last six month's period)

Property / Unit	Standards									
Grammage, g/m ² , ±3%	125	135	150	160	170	186	200	225	240	ISO 536
Moisture, avg, %, on-line, ±1.5	8	8	8	8	8	8	8	8	8	
Thickness, µm	170	185	205	215	230	255	270	305	325	ISO-534
SCT CD, kN/m	2.7	2.9	3.2	3.4	3.6	3.9	4.2	4.7	5.0	ISO 9895
Bursting strength, kPa	550	600	670	700	750	820	870	950	1000	ISO 2758
Tensile stiffness CD, kN/m	510	540	600	630	660	700	770	830	900	ISO 1924-3
Tensile stiffness MD, kN/m	1050	1100	1250	1400	1500	1650	1800	1950	2100	ISO 1924-3
Roughness Bendtsen TS, ml/min	560	600	650	680	700	730	750	800	830	ISO 8791
Porosity Gurley, s	40	40	40	40	40	40	40	40	40	ISO 5636-5
Cobb 60 TS, g/m ²	30	30	30	30	30	30	30	30	30	ISO 535

Laboratory test climate 23°C/50% RH (According to ISO 187).
Reel diameters: 125, 145 cm. Reel core size 10 cm.

Producing mill: Varkaus, Finland

Certificates

Quality management ISO 9001
Environmental management ISO 14001
Product safety ISO 22000
Occupational health and safety ISO 45001
Energy management ISO 50001
FSC®-C127282 Chain of Custody
INS-PEFC-COC-208949 Chain of Custody

Stora Enso is committed to continuous quality improvement. Our products' specifications are reviewed, and if necessary, updated with the objective to reflect quality improvements. Please check the latest version from Stora Enso web site.

Key characteristics and main enduses

AvantKraft Brown is engineered to stand strong against changing climate conditions and its' features include a consistent surface texture, smoothness, shade stability, elimination of impurities, absorbency and minimum wash boarding. End-use areas and applications: corrugated packaging for heavy duty, fresh fruit and vegetable packaging, agricultural packaging, consumer electronics, home and garden, non-durable goods.

Ideal storage conditions: 23°C/50% RH

Paper should be stored in a dry, covered and ventilated warehouse. It is recommended that prior to use in production, paper should be stored some time in conditions similar to the conditions in the production hall. The required storage period depends mainly on the volume of paper reel, as well as the temperature difference between the warehouse and production hall.

