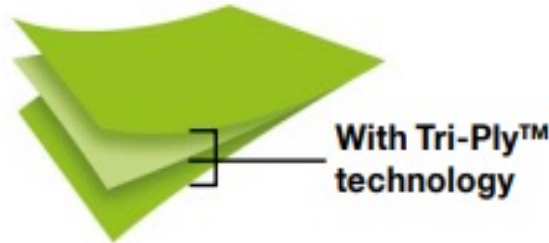




AvantForte WhiteTop™

Whitetop Kraftliner

AvantForte WhiteTop is 3-layer structured, strong and durable whitetop kraftliner for corrugated packaging, made from 100% fresh fibres. It offers a superior solution for high quality printing, lightweight, yet extremely strong packaging.



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Cancels: 03.2023

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

Typical properties, US								
Nominal basis weight, lbs / 1000 ft ²		20	23	26	28	33	36	
Caliper, in/1000		4.8	5.2	5.9	6.5	7.7	8	
SCT CD, lbs / in		12.6	15.4	17.7	18.8	22.8	24.6	
Bursting strength, psi		65	73	81	88	104	115	
Tensile stiffness CD, lbs / in		2570	3141	3569	3854	4568	4996	
Tensile stiffness MD, lbs / in		5653	6560	7650	8390	9020	10050	
Typical properties, Metric		Tolerance						Method
Typical basis weight, g/m ²	±3%	100	110	125	135	160	175	ISO 536
Thickness, µm		122	133	150	165	195	215	ISO 534
Moisture, avg, %, on-line	±1%	8	8	8	8	8	8	
SCT CD, kN/m		2.2	2.7	3.1	3.3	4	4.3	ISO 9895
Bursting strength, kPa		450	500	560	610	720	790	ISO 2758
Brightness TS, %		71	71	73	73	73	73	ISO 2470-1
Tensile Stiffness CD, kN/m		450	550	625	675	800	875	ISO 1924-3
Tensile stiffness MD, kN/m		990	1210	1375	1485	1760	1850	ISO 1924-3
Roughness Sheffield, TS		188	188	188	188	228	247	ISO 8791
Porosity Gurley, s		60	60	60	60	60	60	ISO 5636-5
Cobb 60 TS, g/m ²		30	30	30	30	30	30	ISO 535

Laboratory test climate 23°C/50% RH (According to ISO 187). All properties according to Oulu Mill average measurements from board machine production. Tolerances based upon 95 % confidence limits, apply to delivered machine reel average. Reel diameters: 49 in, 57 in. Reel core size 4 in.

Producing mill: Oulu, Finland

Certificates

Product safety FSSC22000
Quality management ISO 9001
Environmental management ISO 14001
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

AvantForte WhiteTop is 100% fresh fiber based 3-layer structured whitetop kraftliner for highly demanding end-uses requiring premium printability, high stacking strength and purity, such as corrugated packaging in direct food contact and premium e-commerce. Its suitable also for fresh fruit and vegetable packaging, consumer electronics, home and garden, non-durable goods and shelf ready packaging.

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.

