

AvantKraft WhiteTop™

Unbleached kraftliner with whitetop

AvantKraft WhiteTop is predominantly fresh fiber based whitetop kraftliner for corrugated packaging with excellent strength stability and high performance. It has consistent smooth whiteness for good printability and color reproduction.

Issued: 08/2026
Replaces: 11/2025

Technical specification

Typical values (are based on machine reel average values measured during last 12 month's period)

Typical properties, Imperial	Unit							
Nominal basis weight	lb/1000 sq. Ft.		33	36	41	46	51	
Caliper	pts		7.5	8.3	9.4	10.8	12.2	
SCT CD	lbs/in		21	22	25	29	31	
Bursting strength	psi		90	99	102	104	109	
Tensile stiffness MD	lbs/in		7023	7709	9422	9993	10278	
Tensile stiffness CD	lbs/in		3883	4340	4454	4854	5139	
Surface Roughness Sheffield, Top	SU		46	49	60	71	76	
Typical properties, Metric		Tolerance						Method
Grammage	g/m ²	±3%	160	175	200	225	250	ISO 536
Moisture avg, on-line	%	±1.5%	8.0	8.0	8.0	8.0	8.0	
Thickness	µm		190	210	240	275	310	ISO 534
ISO Brightness C/2°	%		74	74	74	74	74	ISO 2470-1
Air permeability Gurley	s		60	60	60	60	60	ISO 5636-05
Cobb ₆₀ , Top	g/m ²		30	30	30	30	30	ISO 535

All properties according to mill average measurements from board machine production.

Laboratory test climate 23°C/50% RH (According to ISO 187).

Tolerances based upon 95 % confidence limits, apply to delivered machine reel average.

Reel diameters: 49 in, 57 in. Reel core size 4 in.

Grammages 225 and 250 g/m²: values are indicative.

Producing mill: Varkaus, Finland

Certificates

Quality management ISO 9001

Environmental management ISO 14001

Food safety ISO 22000

Occupational health and safety ISO 45001

Energy management ISO 50001

FSC Chain of Custody: FSC® -C127282

PEFC Chain of Custody: KIWAFI-PEFC-COC-208949

Stora Enso is committed to continuously optimize quality for the evolving needs of end users. Our products' specifications are reviewed, and if necessary, updated to reflect quality development. Please check the latest version from Stora Enso web site.

Key characteristics and main enduses

AvantKraft WhiteTop makes the perfect renewable choice for corrugated packaging that must endure demanding transport and fluctuating weather conditions, while providing a superior surface for your brand statement. End-use areas and applications: fresh fruit and vegetable packaging, agricultural packaging, consumer electronics, home and garden, non-durable goods, shelf-ready packaging.

Storage recommendations

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. To help maintain the quality and performance of our product, we recommend following the First-In, First-Out (FIFO) principle during storage. Additionally, we advise using the product within one year from the production date. If the recommended storage time is exceeded, the company cannot guarantee product performance. The recommended storage conditions are 50-55 % relative humidity and 20-23°C.

