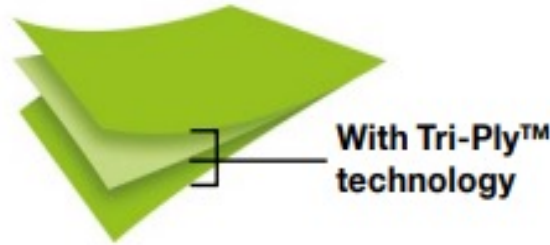


CarrEco White is 100% fresh fiber based 3-layer structured packaging material for variety of bag applications where very high strength, tear-resistance properties and high-quality printing are required.



Issued: 09.2023
Cancels: 06.2023

Data table - technical specifications, indicative values

Property / Unit					Standards
Grammage, g/m ²	100	110	125	135	ISO 536
Moisture, avg, %, on-line	8	8	8	8	
Tensile Strength MD, kN/m	11	11	13	14	ISO 1924-3
Tensile Strength CD, kN/m	6	7	8	9	ISO 1924-3
Tear Strength, MD, kN/m	1000	1150	1350	1450	ISO 1974
Tear Strength, CD, kN/m	1000	1150	1350	1450	ISO 1974
Stretch MD, %	1.9	1.9	1.9	1.9	ISO 1924-3
Stretch CD, %	6.3	6.3	6	5.9	ISO 1924-3
TEA MD, J/m ²	130	140	160	165	ISO 1924-3
TEA CD, J/m ²	270	300	340	355	ISO 1924-3
Brightness, TS, %	71	71	73	73	ISO 2470-1
Thickness, μm	125	140	155	170	ISO 534
Bursting strength, kPa	450	500	560	610	ISO 2758
Roughness Bendtsen TS, ml/min	400	400	500	500	ISO 8791
Porosity Gurley, s	60	60	60	60	ISO 5636-5
Cobb 60 TS, g/m ²	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: Oulu, Finland

Certificates

Quality management ISO 9001
Environmental management ISO 14001
Product safety FSSC 22000
Occupational health and safety ISO 45001
Energy management ISO 50001
FSC®-C127282 Chain of Custody
NS-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

CarrEco White is fiber-based, renewable, recyclable, OBA-free packaging material with white, even and smooth surface for high-quality printing for variety of paper bags. Strong, plastic-free and food-safe paper offers natural choice for shopping and takeaway bags that is a natural choice for enhancing your brand.

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.