FlowTex Composite CF100

REFERENCE DATA SHEET

Start with this balanced 100 µm liner candidate, then compare actual drainage and filtrate.

Composite grade: the published values below describe the selected inner nonwoven liner only. The structural woven shell and finished assembly are specified separately.

Property	Reference value	Test method
O90 (µm)	100	EN ISO 12956
Normal permeability (mm/s)	85	EN ISO 11058
Tensile MD/CD (kN/m)	16 / 16	EN ISO 10319
Mass (g/m²)	200	EN ISO 9864
CBR puncture (kN)	2.35	EN ISO 12236

Properties of the inner continuous-filament polypropylene nonwoven only, not the assembled composite. O90: EN ISO 12956; normal permeability at 50 mm head: EN ISO 11058; tensile: EN ISO 10319; mass: EN ISO 9864; CBR: EN ISO 12236. Values are indicative averages. Outer-shell and liner strengths must not be added. Verify the complete assembly in trials.

Specify the fabricated bag or tube

Confirm dimensions, fabric direction, seam/thread construction, reinforced inlet details, support, operating limits and any handling duty. Current stock, custom fabrication and delivery are confirmed in the quotation.

Confirm the feed and result

Compare the actual slurry, conditioning, early filtrate, drainage and cake behaviour. O90 is a fabric test result, not an absolute particle cut-off. Clean-water permeability is not a slurry throughput guarantee.

Technical basis

Reference material values must be checked against the current grade submission and tolerance basis. They do not establish finished-container seam strength, pressure, capacity, UV lifetime or lifting rating. Liner and outer-shell strengths must not be added. No finished-product certification is implied.

Request stock, a trial or a technical quotation

sales@geosyntheticsafrica.com | +27 78 135 5926