SA SANDBAGS
Geotextile Sandbag Solutions

Specification Sheet

Heavy Duty Sandbags

Composite geotextile sandbags for coastal and marine applications

Composite Staple Fibre Geotextile — Material tested in accordance with SANS and ISO standards - results represent laboratory averages



TECHNICAL SPECIFICATIONS

PROPERTY	VALUE	TEST METHOD
Mass (+/-10%)	**500 g/m2**	SANS 9864:13 / ISO 9864:05
Thickness at 2 kPa	**3.6 mm**	SANS 9863-1:13 / ISO 9863-1:05
CBR Puncture Strength	**3.5 kN**	SANS 12236:13 / ISO 12236:06
Tensile Strength (MD/CMD)	**25/23 kN/m**	SANS 1525:13 / ISO 10319:08
Elongation at Break	**>75%**	SANS 1525:13 / ISO 10319:08
Trapezoidal Tear (MD/CMD)	**750/600 N**	ASTM D4533
Grab Strength (MD/CMD)	**1,200/1,150 N**	ASTM D4632
Grab Elongation at Break	**>75%**	ASTM D4632
Throughflow	**55 l/m2/s @100 mm head**	SANS 11058:13 / ISO 11058:10
Manufacturing Method	**Needle-punched staple fibre nonwoven**	
UV Resistance	**Enhanced - suited for prolonged coastal and high-UV exposure**	
Chemical Resistance	**Resistant to soil chemicals and salt water**	
Rot Resistance	**Non-biodegradable - rot and moisture proof**	

SIZES

SIZE	DIMENSIONS (W × H)	FILLED WEIGHT
Standard	350 × 700 mm + 180 mm flap	15–25kg
Large	520 × 800 mm + 180 mm flap	40–60kg
Extra Large	520 × 1200 mm + 180 mm flap	60-90kg

Bags ship empty (unfilled). Dimensions are nominal flat sizes; filled weights vary with the fill material and how full the bag is packed. Specifications may change without notice — current pricing, stock and the latest version of this sheet are at sasandbags.co.za/products/heavy-duty-sandbags

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