

11. Geotextiles & Waterproofing Tests

No.	Test	Standard	Laboratory																
			ELEMENT	ACES	ACTS	Gulf Lab	Tech Lab	Pioneer	Teyseer	QEL	DTL	Fugro	QGEC	JEL	BATLABS	ITL	QIL	CTL	Ashghal
GEOTEXTILES TESTING																			
11.1	Breaking Strength and Elongation of Textile Fabrics (Grab Test).	ASTM D5034	-	√*	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.2	Textiles Puncture Resistance.	ASTM D751	-	√*	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.3	Textiles Bursting Strength.	ASTM D3787	-	√*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.4	Trapezoid Tearing Strength of Geotextiles.	ASTM D4533	-	√	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.5	Static Puncture Test (CBR Test)	BS EN ISO 12236	-	√	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.6	Tensile Strength &Elongation At Rupture.	BS EN ISO 10319	-	√	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.7	Breaking Strength and Elongation of Textile (strip Test).	ASTM D5035	-	√*	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.8	Dynamic Perforation Test (Cone Drop Test)	BS EN ISO 13433	-	√	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.9	Water Permeability	BS EN ISO 11058	-	√	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.10	Pore Size	BS EN ISO 12956	-	√*	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.11	Determination Of Mass Per Unit Area (Weight)	BS EN 12127	-	√*	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.12	Measuring The Nominal Thickness Of Geosynthetics	ASTM D5199	-	√	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-
11.13	Determination Of Thickness Of Textiles	BS EN ISO 5084	-	√*	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-