

DUX®

Non-woven, continuous-filament, polyester geotextile



Southern Geosynthetics announces the release of a new range of polyester non-woven geotextiles specifically designed to be fully compliant with RMS R63 and TMR MRTS27 specifications.

The DUX® polyester range is made from highly-durable UV-stabilised continuous-filament virgin polyester fibres. The polyester fibre is highly needed to produce a range of geotextiles engineered with the best mechanical and hydraulic properties. Suitable for all civil applications requiring separation, filtration, drainage, and protection.

The DUX® range is produced in ISO accredited manufacturing facilities to the highest standards. DUX® is wrapped in highly protective plastic wrap to provide maximum UV protection, and each roll is clearly identified with detailed labels for ease of QC tracking. DUX® is available in a range of roll sizes up to maximum 6m.

QLD MRTS27 & NSW RTA R63

DUX® Grade	STRENGTH CLASS	GRAB TENSILE STRENGTH	TRAPEZOIDAL TEAR STRENGTH	G RATING	ESO-PORE SIZE O ₉₅	FLOW RATE (Q ₁₀₀)
		N	N	-	µm	L/sqm/s
		AS 2001.2.3.2	AS 3706.3	AUSTROADS 90	AS 3706.7	AS 3706.9
		Q VALUE	Q VALUE	Q VALUE	Q VALUE	Q VALUE
DUX® 150A	A	> 500	> 180	> 900	≤ 120	> 50
DUX® 200B	B	> 700	> 250	> 1350	≤ 120	> 50
DUX® 270C	C	> 900	> 350	> 2000	≤ 120	> 50
DUX® 350D	D	> 1200	> 450	> 3000	≤ 120	> 50
DUX® 500E	E	> 1600	> 650	> 4500	≤ 120	> 50

FILTRATION



SEPARATION



DRAINAGE



REINFORCEMENT



PROTECTION

