

ProFab® Ultra - Heavy Weight Non Woven Geotextile Range

Virgin Polyester Needle Punched Staple Fibre Geotextile

	TEST METHOD	UNITS	AS600X	AS800X	AS1000X	AS1200X
TYPICAL MECHANICAL PROPERTIES						
Wide Width Tensile Strength	AS 3706.2	kN/m	34	42	50	58
		Elongation	%	60	60	60
Trapezoidal Tear Strength	AS 3706.3	N	750	900	1200	1450
CBR Burst Strength	AS 3706.4	kN	5.6	7.2	9.2	10.6
Puncture Resistance (h ₅₀)	AS 3706.5	mm	6000	8450	10000	12900
G Rating	Austrroads	-	5800	7800	9600	11700
Grab Tensile Strength	AS 3706.2 Method B	N	1600	2150	2640	3200
TYPICAL HYDRAULIC PROPERTIES						
Pore Size (EOS)	AS 3706.7	micron	60	60	60	60
Nominal Flow Rate	AS 3706.9	l/m ² /s	80	60	45	35
TYPICAL PHYSICAL PROPERTIES						
Mass per Unit Area	AS 3706.1	g/m ²	600	800	1000	1200
Standard Roll Size	-	m	4x50	4x40	4x30	4x25
Typical Mass per Roll	-	kg	125	130	125	125

ProFab® is a registered trademark of Global Synthetics Pty Ltd.

ProFab® Geotextiles are manufactured under ISO 2001 quality assurance procedures. ProFab® Geotextiles are made from 100% virgin polyester polymer filaments that are highly durable and resistant to all naturally occurring soil acids and alkalis. Polyester Geotextiles are unaffected by bacteria and fungi. Properties of ProFab® textiles are typical values in the dominant strength direction and are derived from in house and independent laboratory testing.

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Global Synthetics
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SYDNEY

P: (02) 9725 4321

F: (02) 9725 4304

E: info@globalsynthetics.com.au | www.globalsynthetics.com.au

BRISBANE

P: (07) 3865 7000

F: (07) 3865 4444

PERTH

P: (08) 9459 4300

F: (08) 9459 4311

MELBOURNE

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P: (08) 8384 8894

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