

Propex® GEOTEXTILE

POLYPROPYLENE NEEDLE PUNCHED NONWOVEN GEOTEXTILE FABRICS

TYPICAL PROPERTIES

GRADE	TEST METHOD	UNITS	AS 351	AS 401	AS 451	AS 501	AS 601	AS 701	AS 801	AS 1001	AS 1071	AS 1201	AS 1601
TYPICAL MECHANICAL PROPERTIES													
Trapezoidal Tear Strength	AS 3706.3	N	250	280	305	350	380	420	460	560	640	750	950
CBR Burst Strength	AS 3706.4	N	1200	1450	1890	2220	2310	2630	3035	3665	4100	5100	6200
Drop Cone h ₅₀	AS 3706.5	mm	950	1100	1650	1750	1990	2400	2650	3260	3750	3960	5600
G-Rating	Austrroads	-	1070	1260	1765	1970	2145	2510	2830	3455	3920	4490	5890
Grab Tensile Strength	AS 2001.2.3	N	490	560	700	780	870	960	1180	1535	1600	1950	2340
TYPICAL HYDRAULIC PROPERTIES													
Pore Size O ₉₅	AS 3706.7	microns	120	110	110	110	100	100	90	75	75	75	75
Nominal Flow Rate Q ₁₀₀	AS 3706.9	l/m ² /s	250	250	230	220	200	135	130	100	90	80	70
Permittivity	AS 3706.9	s ⁻¹	2.5	2.5	2.3	2.2	2.0	1.35	1.3	1.0	0.9	0.8	0.7
TYPICAL PHYSICAL PROPERTIES													
Mass	AS 3706.1	g/m ²	120	136	155	170	205	240	272	330	360	410	545
Standard Roll Size (others sizes available)	-	m	4 x 300	4 x 250	4 x 225	4 x 200	4 x 175	4 x 140	4 x 115	4 x 100	4 x 100	4 x 80	4 x 60
Nominal Roll Weight	-	kg	144	136	140	136	144	134	125	132	136	132	132



DISTRIBUTORS OF :

- Geotextiles**
- Geogrids**
- Dewatering Tubes**
- Subsoil Drainage**
- Wick Drains**
- Erosion Control**
- Gabions & Rock Mattresses**
- Industrial Fabrics**
- Lining Systems**



Propex is a registered trademark of Propex Inc.

Propex geotextiles are manufactured to ISO 9001 quality assurance procedures. Propex geotextiles are made from polypropylene filaments that are highly durable and resistant to all natural occurring soil acids and alkalis. Polypropylene geotextiles are unaffected by bacteria and fungi. Properties of Propex geotextiles are typical values and correspond to average values derived from in house and independent laboratory testing.

DISCLAIMER : All information provided in this publication is correct to the best knowledge of the company and is given out in good faith. The information presented herein is intended only as a general guide to the use of such products and no liability is accepted by Global Synthetics Pty Ltd and Global Synthetics QLD Pty Ltd for any loss or damage however arising, which results either directly or indirectly from the use of such information. Global Synthetics Pty Ltd and Global Synthetics QLD Pty Ltd have a policy of continuous development so information and product specifications may change without notice.

SEP.11



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