

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 1071	AS 1201	AS 1601
TYPICAL MECHANICAL PROPERTIES												
Trapezoidal Tear Strength	AS 3706.3	N	250	280	305	350	380	420	460	640	750	950
CBR Burst Strength	AS 3706.4	N	1200	1400	1900	2100	2200	2900	3200	4400	5100	5900
Drop Cone h_{50}	AS 3706.5	mm	950	1100	1600	1750	1990	2400	2850	3500	4100	5600
G-Rating	Austrroads	-	1070	1240	1750	1920	2045	2570	3020	3920	4575	5750
Grab Tensile Strength	AS 3706.2	N	490	560	730	780	870	1100	1200	1600	1950	2600
TYPICAL HYDRAULIC PROPERTIES												
Pore Size Q_{95}	AS 3706.7	microns	120	110	110	110	100	100	90	75	75	75
Nominal Flow Rate Q_{100}	AS 3706.9	l/m ² /s	250	250	230	220	200	135	130	90	80	70
Permittivity	AS 3706.9	s ⁻¹	2.5	2.5	2.3	2.2	2.0	1.35	1.3	0.9	0.8	0.7
TYPICAL PHYSICAL PROPERTIES												
Mass	AS 3706.1	g/m ²	120	136	155	170	205	240	272	340	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 80	4 x 60
Nominal Roll Weight	-	kg	144	136	140	136	144	134	125	136	132	132

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.

APRIL 16

PROPEX® | THE ADVANTAGE CREATORS.™
GEOSYNTHETICS

DISTRIBUTORS OF:
Geotextiles
Geogrids
Dewatering Tubes
Subsoil Drainage
Wick Drains
Erosion Control
Gabions & Rock Mattresses
Industrial Fabrics
Lining Systems



Global Synthetics
Australian Company – Global Expertise

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

P: (03) 9791 1772
F: (03) 9791 1776

ADELAIDE

P: (08) 8384 8894
F: (08) 8384 3886