

GEOFIRMA™

POLYESTER CONTINUOUS FILAMENT PUNCHED NONWOVEN GEOTEXTILE FABRICS

TYPICAL PROPERTIES

GRADE	TEST METHOD	UNITS	AS150A	AS200B	AS270C	AS300C	AS350D	AS400D	AS500E	AS540E
TYPICAL MECHANICAL PROPERTIES										
Trapezoidal Tear Strength	AS3706.3	N	310	400	480	550	620	740	900	1050
CBR Burst Strength	AS3706.4	kN	1.8	2.5	3.5	4	4.8	5.5	6.3	6.8
Drop Cone H ₅₀	AS3706.5	mm	1700	1950	2280	2500	3000	3400	4100	4400
G-Rating	Austrroads	-	1750	2210	2825	3160	3795	4325	5080	5470
Grab Tensile Strength	AS2001.2.3	N	780	1070	1330	1600	1870	2130	2400	2870
TYPICAL HYDRAULIC PROPERTIES										
Pore Size (EOS)	AS3706.7	microns	110	110	100	100	80	80	75	75
Nominal Flow Rate	AS3706.9	l/m ² /s	210	180	150	140	130	120	110	100
Permittivity	AS3706.9	s ⁻¹	2.1	1.8	1.5	1.4	1.3	1.2	1.1	1.0
TYPICAL PHYSICAL PROPERTIES										
Standard Roll Size	-	m	6x250	6x175	6x150	6x125	6x100	6x85	6x75	6x75
Typical Mass Per Roll	-	kg	230	230	230	230	230	230	230	235

GEOFIRMA is a trademark of Global Synthetics Pty Ltd.

GEOFIRMA geotextiles are manufactured under ISO 9001 quality assurance procedures. GEOFIRMA 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 GEOFIRMA textiles are typical values and correspond to average values derived from in house and NATA accredited independent laboratory testing.

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Global Synthetics
AUSTRALIAN COMPANY - GLOBAL EXPERTISE

SYDNEY

P: (02) 9631 0744
F: (02) 9631 0755
E: info@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

www.globalsynthetics.com.au