

Bontec[®]

Technical Data Sheet



Woven geotextiles

Bontec® Woven Geotextiles

Physical Properties	Test Method	Units	SG 18/18	SG 30/30	SG 36/36	SG 40/40	SG 60/60	SG 80/80	SG 100/100
Mass per Unit Area	AS3706.1	g/m ²	102	126	153	186	277	351	451
Thickness	AS3706.1	mm	0.56	0.88	0.88	0.74	1.05	1.44	1.51
Roll width		m	5.15	5.15	5.15	5.15	5.15	5.15	5.15
Roll Length		m	100	100	100	100	100	100	100
Mechanical Properties	Test Method	Units	SG 18/18	SG 30/30	SG 36/36	SG 40/40	SG 60/60	SG 80/80	SG 100/100
Tensile Strength - Wide Strip MD	AS3706.2	kN/m	18	28	36	40	64	82	110
Tensile Strength - Wide Strip XD	AS3706.2	kN/m	18	28	37	40	60	86	110
Elongation - Wide Strip MD	AS3706.2	%	26	17	18	15	21	20	20
Elongation - Wide Strip XD	AS3706.2	%	26	13	10	8	10	11	11
Tearing Strength - Trapezoidal MD	AS3706.3	N	251	380	477	400	721	1127	2154
Tearing Strength - Trapezoidal XD	AS3706.3	N	316	396	445	676	1467	1831	1864
Burst Strength - CBR Plunger	AS3706.4	N	2500	3100	3500	4800	7200	9500	12500
Puncture Resistance - Dropcone	AS3706.5	mm	17	14	14	13	10	9	9
G Rating	Austrroads-90		2495	3179	3464	4304	6281	7912	8937
Hydraulic Properties	Test Method	Units	SG 18/18	SG 30/30	SG 36/36	SG 40/40	SG 60/60	SG 80/80	SG 100/100
Pore Size - Dry Sieving Method	AS3706.7	um	330	820	600	240	300	420	320
Permittivity - 100mm head	AS3706.9	l/m ² .s	71	123	94	35	44	46	49

Notes relating to the use of Bontec geotextile products

1. Geofabrics Australasia reserves the right to alter product specifications without prior notice. It is the responsibility of all users to satisfy themselves that the above data is current.
2. The above figures are average values obtained from testing to current EN and AS geotextile test standards. Although not guaranteed, these results do to the best of our knowledge, offer a true and accurate record of the products performance
3. Polypropylene is the constituent polymer used in the production of these geotextiles.
4. Geofabrics Australasia cannot accept responsibility for their performance of these products as the conditions of use are beyond our control.
5. **Bontec®** is a trademark of Bonar Technical Fabrics.

IMPORTANT NOTICE

The information contained in this brochure is general in nature. In particular the content of this brochure does not take account of specific conditions that may be present at your site. Site conditions may alter the performance and longevity of the product and in extreme cases may make the product wholly unsuitable. Any data or specifications contained in this brochure are average values obtained in our laboratory. Actual dimensions and performance may vary. If your project requires accuracy to a certain specified tolerance level you must advise us before ordering the product from us. We can then advise whether the product will meet the required tolerances. Where provided, installation instructions cover installation of product in site conditions that are conducive to its use and optimum performance. If you have any doubts as to the installation instructions or their application to your site, please contact us for clarification before commencing installation. In all cases we recommend that advice be obtained from a qualified consulting engineer before proceeding with installation. © Copyright held by Geofabrics Australasia Pty Ltd. All rights are reserved and no part of this publication may be copied without prior permission.

MELBOURNE (03) 8586 9111 Fax: (03) 8586 9186	SYDNEY (02) 9821 3277 Fax: (02) 9821 3670	NEWCASTLE (02) 4950 5845 Fax: (02) 4950 5895	PERTH (08) 9309 4388 Fax: (08) 9309 4389	ADELAIDE (08) 8177 2055 Fax: (08) 8177 2044	HOBART (03) 6273 0511 Fax: (03) 6273 0686
BRISBANE (07) 3279 1588 Fax: (07) 3279 1589	TOWNSVILLE (07) 4774 8222 Fax: (07) 4774 8655	BUNDABERG (07) 4155 9968 Fax: (07) 4155 9968	GOLD COAST (07) 5563 2131 Fax: (07) 5563 3727	DARWIN (08) 8984 1600 Fax: (08) 8984 1614	



www.geofabrics.com.au

Technical Enquiries: 1800 4 bidim (1800 424 346)