

CHARACTERISTIC VALUE  
DATA SHEET:

**BIDIM<sup>®</sup>**

**Nonwoven  
Geotextiles**

## bidim geotextile is the most well known nonwoven geotextile product on the market today.

bidim leads the way in terms of technical performance and versatility and has applications in virtually every civil engineering construction project.

bidim nonwoven geotextiles provide an effective, economical solution to a range of engineering problems including weak soil, rutted and cracked roads and liquid and gas leaks from landfill sites.

bidim nonwoven geotextiles provide excellent filtration, separation and cushioning properties and feature a strong three-dimensional structure with high elongation. bidim nonwoven geotextiles also have a high melting point and high UV resistance.

All bidim nonwoven geotextiles are manufactured in Australia to ISO 9001 standards and are supported by a rigorous MQA process as well as being designed to meet the requirements of Australian and New Zealand road and rail authorities.

### SECTOR SUITABILITY



Roads



Rail



Coastal



Waste



Mining



Civic &  
Landscaping



Ports &  
Aviation



Water



Primary  
Industries



Sports &  
Recreation



Slopes &  
Walls



Building

# BIDIM NON WOVEN GEOTEXTILES

## Characteristic Value Data Sheet

QLD MRTS27 & NSW RMS R63 & NZ TNZ F/7						
A GRADE	STRENGTH CLASS	GRAB TENSILE STRENGTH	TRAPEZOIDAL TEAR STRENGTH	G RATING	EOS - PORE SIZE – O <sub>95</sub>	FLOW RATE (Q <sub>100</sub> )
		N	N	-	µM	L/M <sup>2</sup> /S
		AS 3706.2 A	AS 3706.3	AUSTROADS 90	AS 3706.7-2003	AS 3706.9
		Q VALUE	Q VALUE	Q VALUE	MEAN	MEAN
A14	A	≤ 500	≤ 180	≤ 900	≤ 120	≤ 50
A19	B	≤ 700	≤ 250	≤ 1,350	≤ 120	≤ 50
A29	C	≤ 900	≤ 350	≤ 2,000	≤ 120	≤ 50
A39	D	≤ 1,200	≤ 450	≤ 3,000	≤ 120	≤ 50
A49	E	≤ 1,600	≤ 650	≤ 4,500	≤ 120	≤ 50

The data and specifications contained in this table are obtained from the manufacturer's laboratory testing. To ensure this information is current please contact your local branch of Geofabrics Australasia.

### NOTES

1. Permittivity / Q100 - NSW and NZ ranges do not require characteristic Q values, however QLD Q value specification is met by all bidim® A range geotextiles.
2. Characteristic value (Q) = Mean - 0.83 x standard deviation of the lot tested.
3. AS3706.7 -2003 method is utilised by Geofabrics due to known errors in the subsequent 2014 revision.
4. All grades meet filtration classes I - VIII for MRTS27 Geotextiles (Separation and Filtration).  
All grades meet filtration classes 1- 5 for RMS R63 QA Specification - Geotextiles (Separation and Filtration).  
All grades meet filtration classes 1- 4 for TNZ F/7: Specification for Geotextiles.

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