

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing

A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031

P.O Box 240, North Melbourne, Victoria 3051

Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client : Greatorex Textile Industries Pty Ltd
Unit 5, 77-85 Pasturage Road
Caboolture QLD 4510

Test Number : 19-003936
Issue Date : 6/09/2019
Print Date : 10/09/2019

Sample Description Knitted filter sock, 65mm diameter
Colour : White

^ RMS T1520-2012

Determination of Yield Seamless Knitted Tubular Filter Fabric

Date of Testing 31/07/2019
Yield 62.8 m/Kg
Longitudinal Strain 28.5 %

^ - NATA Accreditation does not cover the performance of this test.

^ RMS T1521-2012

Laddering, Unravelling, Dewearing of a Seamless Knitted Tubular Filter Fabric From a Cut End

Date of Testing 31/07/2019
Visual Assessment
Laddering No
Unravelling No
Deweaving No

^ - NATA Accreditation does not cover the performance of this test.

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Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
: Accreditation No. 1356

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0204/11/06

APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc. (Hons)
MANAGING DIRECTOR

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^ RMS T1522 - 2012

Abrasion Resistance of Seamless Knitted Tubular Filter Fabric

Date of Testing		31/07/2019
	Pull with Longitudinal	Pull Vertically at
	Direction of Pipe	90deg through Pipe
Holding	No	No
Unravelling	No	No
Deweaving	No	No
Laddering	No	No

^ - NATA Accreditation does not cover the performance of this test.

^ RMS T1523 -2012

Weave Stability of Seamless Knitted Tubular Filter Fabric

Date of Testing		31/07/2019
	Wood Chisel Blade	Wood Chisel Blade
	Parallel with Length	Right Angle with Length
Unravelling	No	No
Deweaving	No	No
Tearing	No	No
Laddering	No	No

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Test Number : 19-003936
Issue Date : 6/09/2019
Print Date : 10/09/2019

AS 3706.2-2012
Method A

Determination of Breaking Strength - Wide Strip Tensile Strength

Date of Testing 05/08/2019
Equipment Used Instron Model No. 4206
State of Tested Specimen Conditioned

Length	Yield	Peak	Ultimate	Offset Modulus
Mean	3.5	4.0	4.0	0.0 kN/m
Standard Deviation	0.5	0.0	0.0	0.0 kN/m
Coefficient of Variation	14.3	0.0	0.0	14.1 %
5th Percentile		2.7	4.0	4.0 kN/m
95th Percentile	4.3	4.0	4.0	0.0 kN/m
C(Characteristic Value)	3.1	4.0	4.0	0.0 kN/m

Elongation	Yield	Peak	Ultimate	Offset Modulus
Mean	39.0	43.3	43.3	20.8 %
Standard Deviation	5.3	5.6	5.6	4.6 %
Coefficient of Variation	13.5	12.8	12.9	22.0 %

Width	Yield	Peak	Ultimate	Offset Modulus
Mean	2.5	3.0	3.0	0.0 kN/m
Standard Deviation	0.5	0.0	0.0	0.0 kN/m
Coefficient of Variation	20.0	0.0	0.0	16.9 %
5th Percentile	1.7	3.0	3.0	0.0 kN/m
95th Percentile	3.3	3.0	3.0	0.0 kN/m

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[Signature]

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C(Characteristic Value) 2.1 3.0 3.0 0.0 kN/m

Elongation

Mean	64.5	77.4	77.4	40.7 %
Standard Deviation	5.7	5.4	5.4	8.1 %
Coefficient of Variation	8.9	7.0	7.0	19.9 %

Number of Specimens Tested

Length	5
Width	5

^ AS 3706.7-2014

Determination of Pore-Size Distribution - Dry-sieving Method

Date of Testing	05/09/2019
Temperature	20-21 °C
Relative Humidity	55-56 %

Specimen	Equivalent opening Size EOS - O95
1	510 µm
2	510 µm
3	510 µm
4	510 µm
5	510 µm

Tested at Geosynthetic Testing Services
Test Report No. 3633-1, Dated 05/09/2019

^ - NATA Accreditation does not cover the performance of this test.

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