

AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Textile 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 : FLAVELL MANAGEMENT & INDUSTRIAL SERVICES P/L T/A FM INSULATION SUPPLIES
UNIT 6, 10 BROMLEY ROAD
EMU PLAINS NSW 2750

TEST NUMBER : 7-552130-CN
DATE : 04/05/2007
ORDER NUMBER : 2143

SAMPLE DESCRIPTION Clients Ref: "Therm-o-lag Fibreglass"
Pipe insulation
Colour: yellow

**THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)**

Material Specification provided by client:

Nominal composition: fibreglass

Nominal density: 64kg/m³

Nominal thickness: 50.8mm pipe diameter opening x 25mm wall thickness
x 101mm outer diameter

AS/NZS 1530.3 - 1999 Simultaneous determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Both

Date tested: 03/05/2007

	Mean		Standard Error
Ignition time	Nil	min	Nil
Flame propagation time	Nil	s	Nil
Heat release integral	Nil	kJ/m ²	Nil
Smoke release, log d	Nil		Nil
Optical density, d	Nil	/m	

Number of specimens ignited: 0

Number of specimens tested: 6

REGULATORY INDICES:

Ignitability Index	0	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Developed Index	0-1	Range 0-10

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This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:

- Chemical Testing of Textiles & Related Products	:	Accreditation No. 983
- Mechanical Testing of Textiles & Related Products	:	Accreditation No. 985
- Heat & Temperature Measurement	:	Accreditation No. 1356

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APPROVED SIGNATORY

Michael A. Jackson

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

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Comments:

These results only apply to the specimen mounted, as described in this report.

The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test.

Each test specimen was clamped along all sides.

Smoke Developed Index is reported as 0-1 due to the inability of the smoke measurement equipment to resolve an index of zero.

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APPROVED SIGNATORY

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