*** AWTA TEXTILE TESTING ***
REFERENCE SAMPLE

AWTA PROJECT NO : 170853.6-BV
CLIENT: WARWICK FABRICS AUST PTY LTD
CLIENT ORDER: SAMPLE:

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 : WARWICK FABRICS AUST PTY LTD
6-10 SACKVILLE STREET
COLLINGWOOD VIC 3066

TEST NUMBER : 7-562530-BV
DATE : 06/10/2008

SAMPLE DESCRIPTION Clients Ref: "Ardo"
Woven fabric
Colour: Red
Approx thickness: 1mm
End Use: Upholstery

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

Material Specification provided by client:
Nominal composition: 82% polyester 18% polypropylene
Nominal mass: 309g/m2

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

RESULTS: Face tested: Face

Date tested: 03/10/2008

	Mean		Standard Error
Ignition time	8.13	min	0.15
Flame propagation time	10.8	s	1.3
Heat release integral	52.5	kJ/m2	1.8
Smoke release, log d	-0.6906		0.0228
Optical density, d	0.2062	/m	

Number of specimens ignited: 9

Number of specimens tested: 9

REGULATORY INDICES:		
Ignitability Index	12	Range 0-20
Spread of Flame Index	9	Range 0-10
Heat Evolved Index	2	Range 0-10
Smoke Developed Index	5	Range 0-10

NATA

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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AWTA LIMITED

APPROVED SIGNATORY

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.

The reaction of thin unsupported flexible materials to flame impingement can be assessed in accordance with AS 1530.2. Where materials of thickness less than 2mm that are sufficiently flexible to be bent by hand around a mandrel of 2mm diameter or less are subjected to the test described herein, they should also be subjected to the test in AS 1530.2.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

Each test specimen was restrained on the exposed face by a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places.

To allow free movement of sample during testing all corners were folded away from the clamps.

Inconsistent flame spread behaviour was observed.
Only three of the nine specimens registered flame spread.

The Spread of Flame Index quoted above is based on these three specimens.

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AWTA LIMITED

0204/11/06

APPROVED SIGNATORY

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