

AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Textile Testing
A.B.N. 43 006 014 106

26 Robertson Street, Kensington, Victoria 3031
P.O. Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2126 Fax (03) 9371 2102

TEST REPORT

CLIENT : METALFLEX AIRCONDITIONING AUST
90 NORTHGATE DRIVE
THOMASTOWN VIC 3074

TEST NUMBER : 7-514975-CV
DATE : 29/11/2002

SAMPLE DESCRIPTION CLIENTS REF: "MULTIFLEX"
ASSEMBLED FLEXIBLE DUCTING

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

MATERIAL SPECIFICATION PROVIDED BY CLIENT:

NOM COMP: INNER CORE - CLEAR/METALISED POLYESTER TAPE WITH FIRE RATED
ADHESIVE WITH SPRING WIRE HELIX ENCASED
INSULATION - 230 GRAMS PER m²/25mm THICK POLYESTER
OUTER SLEEVE - GREY FIRE RETARDANT LDPE POLYETHYLENE SLEEVE
AS/NZS 1530.3 - 1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME
PROPAGATION, HEAT RELEASE AND SMOKE RELEASE.

RESULTS:	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	-1.2439	0.0617
OPTICAL DENSITY, D	0.0601 /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	3	RANGE 0-10

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.

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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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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 SANDWICHED BETWEEN TWO LAYERS OF GALVANISED
WELDED SQUARE MESH MADE FROM WIRE OF NOMINAL DIAMETER 0.8mm AND
NOMINAL SPACING 12mm IN BOTH DIRECTIONS AND THE ASSEMBLY CLAMPED
IN FOUR PLACES.

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APPROVED SIGNATORY

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