

Certificate of Test

Quote No.: LP46ANE5618

REPORT No.: FNE9023

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AS/NZS 1530.3:1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME
PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: Paltech Corporation

SPONSOR: Paltech Corporation Pty. Ltd.
8 Kingston Park Court
Knoxfield VIC
AUSTRALIA

DESCRIPTION OF TEST SPECIMEN:

The sponsor described the specimen as flexible ducting comprising two layers of aluminium coated PET film encapsulating a steel wire helix. The adhesive contained flame-retardant additives.

Nominal thickness of each film layer: 12 mm
Nominal density of film: 1400 kg/m³
Colour: silver

TEST PROCEDURE: Six samples were tested in accordance with Australian Standard 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For the test, each sample was held between two layers of square mesh having 0.8-mm dia. wires at 13-mm centres over each face and was clamped to the specimen holder in four places.

RESULTS: The following means and standard errors were obtained:

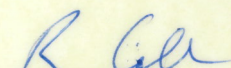
Parameter	Mean	Standard Error
Ignition Time (min)	N/A	N/A
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	N/A	N/A
Smoke Release (log ₁₀ D)	-2.108	0.044

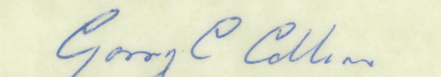
For regulatory purposes these figures correspond to the following indices:

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

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

DATE OF TEST: 8 November 2007
Issued on the 5th day of December 2007 without alterations or additions.


Russell Collins
Testing Officer


Garry E Collins
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No.165, Corporate Site No. 3625) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



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