

TEST REPORT



Your Ref:

Date: 01 Sep 2004

Our Ref: 55S041362/A/HSW/JT

Page: 1 of 5

DID: 6885 1372

Fax: 6776 1568

NOTE: This report is issued subject to PSB Corporation's "Terms and Conditions Governing Technical Services". The terms and conditions governing the issue of this report are set out as attached within this report.

Subject

TYPE TESTING OF CONDUIT FITTINGS

Client

Litaflex Plastics Manufacturing Pte Ltd
10 Senoko Drive
Singapore 758198

Attn: Mr Alex Tan

Sample Submission Date

11 Jun 2004 & 30 Aug 2004

Description of Sample

Trademark	:	LITAFLEX
Model	:	PLCPC 254 (Four way circular conduit fitting)
Nominal size	:	25mm
Quantity	:	12 pieces
Manufacturer	:	Litaflex Plastics Manufacturing Pte Ltd
Country of origin	:	Singapore



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Method of Test

The assessment detailed in this document was carried out in accordance with British Standard 4607 : Part 5 : 1982 "Specification for rigid conduits, fittings and components of insulating material" with amendment nos. 1 & 2.

Results

Clause No	Title	Results
2	General requirements	
2.2	Preferred dimensions	Complied
3	Generation conditions for tests	Complied
4	Classification	
	Maximum working temperature	60°C
	Suspended load	3 Kg
5	Marking	Complied
6	Construction	
6.1	Made of insulating material	Complied
6.2	Smooth and free from burrs	Complied
6.3	Conduits entries of fittings and components	Complied
6.4	Screws used shall not cause damage to cable insulation	Complied
6.5	Lugs and fixing threads have adequate mechanical strength	Complied
7	Mechanical properties of fittings and components	
7.2	Suspended load test	Complied
7.3	Safety on impact test	Complied
8	Resistance to heat	
8.2	Ball-pressure test	Complied
9	Resistance to burning	
9.2	Burning test	Complied
10	Insulating characteristics	
10.4	Electrical insulating strength test	Complied
10.5	Insulation resistance test	Complied

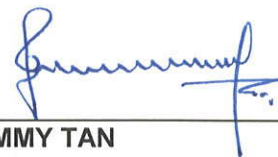
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Remarks:

- 1) The conduit fittings were submitted for type testing.
- 2) The test results were based on testing of 12 pieces of LITAFLEX model PLCPC 254(Four way circular conduit fitting) supplied by the client.
- 3) The conduit fittings submitted are deemed to comply with British Standard 4607 : Part 5 : 1982 with amendment nos. 1 and 2.



**HO SHUE WEE
TESTING OFFICER**



**JIMMY TAN
PRODUCT MANAGER
HOME APPLIANCES & CABLES
PSB TESTING**

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Appendix I

General view and marking on the Four way circular conduit fitting



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June 2004