

TEST REPORT



Your Ref: _____ Date: **2001-05-31**

Our Ref: **55S00269/TWL/WHC** Page: **Page 1 of 4**

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Subject

TYPE TESTING OF UPVC CABLE TRUNKING

Client

Litaflex Plastics Mfg Pte Ltd
10 Senoko Drive
Singapore 758198

Attn: Mr Alex YS Tan

Sample Submission Date

2001-04-19

Description of Sample

Trade Name	:	LITAFLEX
Model No.	:	CT 4020
Nominal Size	:	40.0mm x 20.0mm
Classification	:	315
Quantity	:	12 x 1990mm
Manufacturer	:	Litaflex Plastics Mfg Pte Ltd
Country of Origin	:	Singapore



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PSB Corporation Pte Ltd

Testing Group

1 Science Park Drive Singapore 118221 Tel 65 772 9620 Fax 65 775 9725 Email testing@psbcorp.com

Method of Test

The assessment detailed in this document was carried out in accordance with Singapore Standard 275 : 1999 "Specification for Cable Trunking Made of Insulating Material" with amendment no. 1 : 2001.

Results

Clause No.	Title	Results
5	Classification	
5.2	According to mechanical properties (resistance to impact)	Medium (3)
5.3	According to temperatures	15
5.4	According to resistance to flame propagation	
5.4.1	Flame propagating	Not Applicable
5.4.2	Non-flame propagating	Complied
5.5	According to electrical characteristics	
5.5.1	With electrical insulating characteristics	Complied
5.6	According to protection against external influences	
5.6.1	Protection against ingress of solid objects	Not Applicable
5.6.2	Protection against ingress of water	Not Applicable
6	Marking	Complied
7	Dimensions	Complied
8	Construction	Complied
9	Mechanical properties	
9.2	Cable supporting test for surface mounting	Complied
9.3	Impact test	Complied
9.5	Cover retention test	Complied

Clause No.	Title	Results
10	Resistance to heat	
10.2	Ball pressure test	Complied
11	Resistance to flame propagation	
11.1.1	Flame test	Complied
11.1.2	Glow-wire test	Not Applicable
12	Insulating characteristics	
12.2	Electrical insulating strength test	Complied
12.3	Insulating resistance test	Complied

Remarks:

- 1) The UPVC cable trunkings were submitted for type testing.
- 2) The test result were based on testing of 12 samples of "LITAFLEX" Model CT 4020 UPVC cable trunking supplied by the client.
- 3) The UPVC cable trunkings submitted are deemed to comply with Singapore Standard 275 : 1999 with amendment no. 1 : 2001.



TAN WEI LIANG
ASST. TECHNICAL EXECUTIVE



WEE HOCK CHUAN
PRODUCT MANAGER
HOME APPLIANCES & CABLES
TESTING GROUP

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Appendix I

General view and marking of the UPVC cable trunking

