

Test Report No. 7191245337-MEC20/3C-LNB
dated 30 NOV 2020



PSB Singapore

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SUBJECT:

Testing on uPVC pipe fittings

TESTED FOR:

SNOW PTE LTD
15A Tuas Ave 18 #03-01
Singapore 638905

Attn : Mr Huang ShengJie

TEST METHOD:

SS 213 : 1998 Specification for Unplasticised PVC pipes and fittings for soil, waste and vent applications.

SAMPLE DESCRIPTION:

1 lot of "SNOW" Brand UPVC pipe fittings (Y-Tee – Size: 50mm, 100mm and 100/50mm) were received on 27 October 2020.

TEST LOCATION:

TÜV SÜD PSB Pte Ltd
60 Tuas South Street 1
Singapore 639925

DATE OF TEST:

02 November 2020



LA-2007-0380-A
LA-2007-0381-F
LA-2007-0382-B
LA-2007-0383-G
LA-2007-0384-G
LA-2007-0385-E
LA-2007-0386-C
LA-2010-0464-D
LA-2018-0702-B
LA-2018-0703-G
LA-2020-0747-L

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TUV®

TEST RESULTS:

(1) Dimensional Measurements of Fittings

Sample Size	Y-Tee			SS 213 : 1998 Requirements		
	50mm	100mm	100/50mm	50mm	110mm	110/50mm
Wall thickness	2.6	3.4	3.48 / 2.93	2.4 min	3.2 min	3.2 / 2.4 min
Socket depth	31.3	52.4	51.5 / 31.4	30.1 min	50.8 min	50.8 / 30.1 min
Socket diameter	55.9	110.4	110.4 / 56.0	55.7 min 56.0 max	110.0 min 110.4 max	110.0 / 55.7 min 110.4 / 56.0 max

(2) Stress Relief

Test	Y-Tee			SS 213 : 1998 Requirements
	50mm	100mm	100/50mm	
Stress Relief at 150°C for 30 min	Comply			Shall comply with Clause 9.2.4

(3) Hydrostatic Pressure

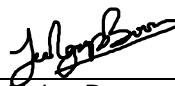
Test	Y-Tee			SS 213 : 1998 Requirements
	50mm	100mm	100/50mm	
Pressure of 70 kPa for 1 min	Comply			Shall comply with Clause 9.2.3

(4) Opacity

Test	Y-Tee			SS 213 : 1998 Requirements
	50mm	100mm	100/50mm	
Opacity	Comply			Shall comply with Clause 9.2.6

Note : The results of the softening point and PVC & titanium dioxide tests will be submitted separately


Tan Yong Xiang
Associate Engineer


Lee Ngai Boon
Senior Associate Engineer
Industrial Group
Mechanical Centre

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Effective 01 September 2020

