

Test Report No. 7191245337-MEC21/3D-LJY
dated 15 OCT 2021



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 (Tee – Size: 50mm, 110mm and 110/50mm) were received on 12 August 2021 & 10 September 2021.

Nominal Size and Type	Tests Conducted	Painted markings on uPVC fittings submitted
1. Tee 50mm 2. Tee 110mm 3. Tee 110/50mm	1. Dimensional Measurement 2. Stress Relief 3. Hydrostatic Pressure 4. Opacity	

TEST LOCATION:

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



 	<p>The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.</p> <p>LA-2007-0380-A LA-2007-0386-C LA-2007-0381-F LA-2010-0464-D LA-2007-0382-B LA-2018-0702-B LA-2007-0383-G LA-2018-0703-G LA-2007-0384-G LA-2020-0747-L LA-2007-0385-E</p>
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Singapore 609937
TUV®



DATE OF TEST:

17 August 2021 & 12 October 2021

TEST RESULTS:

(1) Dimensional Measurement

Sample Reference	Tee			SS213:1998 Table 2.1 requirements		
	50mm	110mm	110 / 50mm	50mm	110mm	110/50mm
Wall thickness	2.6	3.7	3.6 / 2.8	Min:2.4	Min:3.2	Min:2.4 / Min:3.2
Socket Depth	30.3	52.5	50.8 / 30.9	Min: 30.1	Min:50.8	Min: 30.1 / Min:50.8
Socket Diameter	55.7	110.3	110.4 / 55.8	Min: 55.7 Max:56.0	Min: 110.0 Max: 110.4	Min: 55.7 Max:56.0 / Min: 110.0 Max: 110.4

(2) Stress Relief

Sample Reference	Results	SS 213 : 1998 Clause9.2.4 Requirements
Tee 50mm	Comply	Shall have no break at weld line
Tee 110mm		
Tee 110/50mm		



TEST RESULTS: (CONT'D)

(3) Hydrostatic Pressure

Sample Reference	Results	SS 213 : 1998 Clause9.2.4 Requirements
Tee 50mm	Pressure of 70Kpa for 1 min (Comply)	Shall have no leak
Tee 110mm		
Tee 110/50mm		

(3) Opacity

Sample Reference	Results	SS 213 : 1998 Clause9.2.4 Requirements
Tee 50mm	0.0% (Comply)	Max 0.2%
Tee 110mm		
Tee 110/50mm		

Lim Jia Yi
Associate Engineer

Tan Yong Xiang
Team Leader
Industrial Group
Mechanical Centre

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Effective 26 January 2021

