

Test Report No. 7191263930-MEC21/01B-LJY
dated 07 OCT 2021



PSB Singapore

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SUBJECT:

Testing on uPVC pipe fittings

TESTED FOR:

SNOW PTE LTD
15A Tuas Avenue 18
#03-01 & #04-01
Singapore 638905


Attn : Mr Huang Sheng Jie

TEST METHOD:

SS 272 : 2012 Specification for Unplasticised PVC pipes and fittings below ground for drainlines and sewers

SAMPLE DESCRIPTION:



The following nominal size of uPVC fittings were submitted for testing on 10 September 2021.

Nominal Size	Tests Conducted	Painted markings on uPVC fittings submitted
Socket - 110mm Socket - 160mm	1. Dimensional Measurements 2. Hydrostatic Pressure Test 3. Stress Relief	

TEST LOCATION:

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



		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	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.
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Laboratory:
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Singapore 609937
TUV®



DATE OF TEST:

29 September to 02 October 2021

TEST RESULTS:

Table 1: Dimensional Measurements

Nominal diameter		Socket - 110mm			SS 272 : 2012 Clause 6.3, Table 3 Requirements
					110mm
Socket diameter		110.6			Min 110.3 , Max: 110.8
Socket Depth		52			Min: 48
Wall thickness (mm)	Readings	3.5	3.4	3.5	Min. 3.1
	Average	3.5			

Nominal diameter		Socket - 160mm			SS 272 : 2012 Clause 6.3, Table 3 Requirements
					160mm
Socket diameter		160.4			Min.160.3 , Max. 160.9
Socket Depth		77			Min. 58
Wall thickness (mm)	Readings	4.3	4.5	4.4	Min. 3.7
	Average	4.4			



TEST RESULTS: (Cont'd)

Table 2: Hydrostatic Pressure Test

Nominal Diameter	110mm	160mm	SS 272 : 2012 Clause 11.1.6, Annex G Requirements
	Socket		
Pressure of 70KPa	Comply		Shall have no leak

Table 3: Stress Relief

Nominal Diameter	110mm	160mm	SS 272 : 2012 Clause 11.2.4, Annex H Requirements
	Socket		
Result	Comply		Not penetrate to a depth greater than 50% wall thickness

Lim Jia Yi
Associate Engineer

Tan Yong Xiang
Team Leader
Industrial Group
Mechanical Centre

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Effective 26 January 2021

