

Test Report No. 7191288054-MEC22/1A-TYX
dated 12 AUG 2022



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SUBJECT:

Testing on uPVC pipe

TESTED FOR:

Snow Pte Ltd
15A Tuas Ave 18
#03-01 & #04-01
Singapore 638905

Attn : Mr. Huang Sheng Jie

TEST METHOD:

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

SAMPLE DESCRIPTION:

The following nominal size of white uPVC pipe were submitted for testing on 26 July 2022.

Nominal Size (mm)	Tests Conducted	Painted markings on uPVC pipes submitted
32mm – (Bend & Socket)	1. Dimensional measurements 2. Stress relief 3. Hydrostatic pressure	Snow
160mm – (Y-Junction & Junction)		

DATE OF TEST :

27 July 2022 to 11 August 2022



		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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TEST RESULTS:

Table 1: Dimensional Measurements

Nominal diameter Item Measured	32 mm Bend	32 mm Socket	SS 213 : 1998 Table 2.1 Requirements
			32 mm
Wall thickness (mm)	2.5	2.5	2.1 min
Socket Depth (mm)	24.3	25.1	23.8 min
Socket Mouth diameter (mm)	36.8	36.7	36.6 min 36.8 max

Table 2: Dimensional Measurements

Nominal diameter Item Measured	160 mm Y-Junction	160 mm Junction	SS 213 : 1998 Table 2.1 Requirements
			160 mm
Wall thickness (mm)	4.3	4.4	4.0 min
Socket Depth (mm)	78.2	77.1	76.2 min
Socket Mouth diameter (mm)	161.1	160.9	160.7 min 161.2 max

Table 3: Stress Relief

Nominal Diameter	32 mm Bend	32 mm Socket	SS 213 : 1998 Clause 9.2.4, Annex I Requirements
Percentage change in length (%)	Comply	Comply	Shall have no break at weld line shall not penetrate to a depth greater than 50% of wall thickness

Table 4: Stress Relief

Nominal Diameter	160 mm Y-Junction	160 mm Junction	SS 213 : 1998 Clause 9.2.4, Annex I Requirements
Percentage change in length (%)	Comply	Comply	Shall have no break at weld line shall not penetrate to a depth greater than 50% of wall thickness





TEST RESULTS (CONT'D):

Table 5: Hydrostatic Pressure Test

Nominal Diameter	32 mm Bend	32 mm Socket	SS 213 : 1998 Clause 9.1.6, Annex G Requirements
Hydrostatic test pressure (kPa)	70		Shall show no sign of leakage
Results	Comply		

Table 6: Hydrostatic Pressure Test

Nominal Diameter	160 mm Y-Junction	160 mm Junction	SS 213 : 1998 Clause 9.1.6, Annex G Requirements
Hydrostatic test pressure (kPa)	70		Shall show no sign of leakage
Results	Comply		

Note :
The results of the softening point will be submitted separately

Lim Jia Yi
Associate Engineer

Tan Yong Xiang
Team Leader
Industrial Group
Mechanical Centre

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Effective 26 January 2021

