



# TEST REPORT 2625328-AYL

Date 25 FEB 2026

Singapore Test Lab Pte Ltd, 10B Enterprise Road, Singapore 629828, Tel: +65 6353 6393, Fax: +65 6353 6395

**SUBJECT:**

Testing of uPVC pipe.

**TESTED FOR:**

Snow Pte Ltd  
 15A Tuas Avenue 18, #03-01 & #04-03,  
 Jian Huang Business Centre,  
 Singapore 638905

Attn: Mr. Senthil

**TEST DATE:**



02 Feb 2026 to 20 Feb 2026

**METHOD OF TEST:**

SS 141:2013 – Specification for unplasticised PVC pipe for cold water services and industrial uses

**TEST CONDUCTED:**

1. Dimensional measurements
2. Softening point
3. Tensile
4. Heat reversion
5. Impact strength
6. Hydrostatic pressure
7. Opacity

	 <p>Accredited Laboratory  <b>SAC - SINGLAS</b>          LA-2018-0695-G</p>	<p>The results reported herein have been performed in accordance with the laboratory's terms of accreditation under the Singapore Accreditation Council</p>
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## SAMPLE DESCRIPTION:

One lot of uPVC pipes were received. The descriptions are as follow:

Nominal size	Markings on pipe
200 mm Ø	Snow 200mm upvc pipe SS141:2013 BS 3506 Class B PUB 2006 S (1) 08.01.26 13:50 LEAD FREE

## TEST RESULTS:

**Table 1 – Dimensional measurements**

Sample Reference & Sizes	Results	SS 141:2013 Requirements PN 6 (Class B)
	200mm Ø	200 mm Ø
Mean outside diameter (mm)	219.4	218.8 min. 219.4 max.
Measured individual wall thickness min. value (mm)	5.3	5.3 min.
Measured individual wall thickness max. value (mm)	5.3	6.1 max.
Wall thickness average value (mm)	5.4	6.1 max.

**Table 2 – Vicat Softening Temperature Tests**

Sample Reference & Sizes	Results	SS 141:2013 Requirements
	200mm Ø	
Softening temperature (°C)	81.5	≥ 80

**Table 3 – Tensile Tests**

Sample Reference & Sizes	Results	SS 141:2013 Requirements Table 5
	200mm Ø	
Average tensile strength (MPa)	48.08	≥ 45
Average strain at break (%)	172.3	≥ 80

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**TEST RESULTS (CONT'D):**

**Table 4 – Longitudinal reversion Test**

Sample Reference & Sizes	Results	SS 141:2013 Requirements
	200mm Ø	
Heat reversion (%)	3.7	Max. 5.0

**Table 5 – Impact strength**

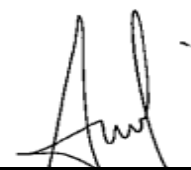
Sample Reference & Sizes	Results	SS 141:2013 Requirements
	200 mm Ø	
Impact test	Passed	Clause D.5


**Table 6 – Hydrostatic pressure Test**

Sample Reference & Sizes	Results	SS 141:2013 Requirements
	200mm Ø	
Hydrostatic short term strength test	Passed	No failure during the test.

**Table 7 – Opacity Test**

Sample Reference & Sizes	Results	SS 141:2013 Requirements
	200mm Ø	
Opacity	Passed	Shall not transmit more than 0.2% of the visible light falling on it

  
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 Au Yong Liang  
 Testing Officer

  
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 Ong Yeo Chuan  
 Manager

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