



TEST REPORT 2423273-OWD

Date 20 MAR 2024

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

SUBJECT:

Testing of solvent cement submitted by Snow Pte Ltd.

TESTED FOR:

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

Attn: Mr. Senthil

DATE OF TEST:

1 Mar 2024 to 19 Mar 2024

METHOD OF TEST:

BS 4346-3: 1982 Joints and fittings for use with unplasticized PVC pressure pipes –
Part 3: Specification for solvent cement

- a) Shear strength (1 hr, 24 hr & 336 hr)
- b) Film properties
- c) Long-term hydrostatic pressure (47 bar for 25 hrs @ 20 °C)

DESCRIPTION OF SAMPLE:

One can of “FALTEX” Brand solvent cement was received as follow:

Brand	Batch No.	MFG	Colour	Content
FALTEX	4A13B0583M14B085	Jan 2024	Blue	500 ml

	<p>Accredited Laboratory SAC - SINGLAS 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>
--	---	---

Terms and conditions:

- This report applies to the sample of the specific product given at the time of its testing. The results are not used to indicate or imply that they are applicable to other similar items. This report may not be used to indicate or imply that Singapore Test Lab endorses, approves or recommends the tested sample.
- Singapore Test Lab shall under no circumstances be liable to the client in contract or otherwise for any direct or indirect loss or damage suffered by the client howsoever arising or whether connected with the services provided herein.
- Singapore Test Lab assumes no responsibility for the accuracy of information and/or details of the samples as supplied by the client.
- This report shall not be reproduced in part or in full and shall not be used in any publicity material without the written permission of Singapore Test Lab.
- The tests were carried out at Singapore Test Lab unless otherwise stated.



Singapore Test Lab is an ISO / IEC 17025 Accredited Laboratory.





TEST REPORT 2423273-OWD

Date 20 MAR 2024

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

RESULTS:

Table 1: Shear strength test


Test	Results					BS 4346: Part 3: 1982 Requirements Clause 5.1
	S1	S2	S3	S4	S5	
1 hr	1.7	1.6	1.6	1.5	1.7	0.6 MPa
24 hr	4.0	4.8	5.2	4.1	5.3	2.0 MPa
336 hr	6.2	5.1	5.8	6.5	5.2	5.0 MPa

Table 2: Film properties test

Test	Results	BS 4346: Part 3: 1982 Requirements Clause 5.2
Appendix B	Passed	Film shall be even, continuous, free from lumps and foreign matter.
	Passed	Shall be sufficiently flexible to be wrapped around a 25mm diameter mandrel.
	Passed	Shall not flow or drip when held in a vertical position for 5 mins.

Table 3: Long-term hydrostatic pressure test

Test	Results	BS 4346: Part 3: 1982 Requirements Clause 5.3
47 bar (At 20 °C for 25 hr)	Passed	Joints shall not leak



 Ow Wei De
 Testing Officer



 Ong Yeo Chuan
 Manager

Terms and conditions:

- The result in this report applies to the sample as received from the client at the time of its testing. The result is not intended to be representative of other similar or equivalent sample. This report may not be used to indicate or imply that Singapore Test Lab endorse the test sample mentioned.
- Singapore Test Lab shall under no circumstances be liable to the client in contract or otherwise for any direct or indirect loss or damage suffered by the client howsoever arising or whether connected with the services provided herein.
- Singapore Test Lab assumes no responsibility for the accuracy of information and/or details of the samples as supplied by the client.
- This report shall not be reproduced in part or in full and shall not be used in any publicity material without the written permission of Singapore Test Lab.
- The tests were carried out at Singapore Test Lab unless otherwise stated.