

BESTWAY (HONGKONG) INTERNATIONAL LTD  
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**THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SL12300240412801TX-2 DATE: 2023-03-28 ISSUED BY SGS (Hong Kong), ORIGINAL REPORT WILL BE INVALID FROM TODAY. UPDATED TEST INFORMATION.**

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : SLEEPING PAD

Order No : SHHL2301002296TY

Style No. : 69617 69617E 69618 69618E

Sample Receiving Date : Jan 17, 2023

Testing Period : Jan 17, 2023 - Feb 03, 2023

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Signed for and on behalf of  
SGS (Hong Kong) Limited



Fok Chi Shan, Assistant Technical Manager

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Test Result

**Thermal Resistance of Sleeping Pad (ASTM F3340-22)**

Preconditions:

Ambient temperature: 20.0±0.5°C

Relative humidity: 35±5%

Inner pressure: 3.7 kPa

Stored in test environmental condition: Minimum 6 hours

Test conditions:

Ambient temperature: 20.0±0.5°C

Relative humidity: 35±5%

Hotplate temperature: 35.0±0.1°C

Cold plate temperature: 5.0±0.1°C

Inner pressure before testing: 3.5±0.2 kPa

Inner pressure after testing: 3.5±0.2 kPa

External pressure: 2.0±0.1 kPa

Result:

Sample – Sleeping Pad

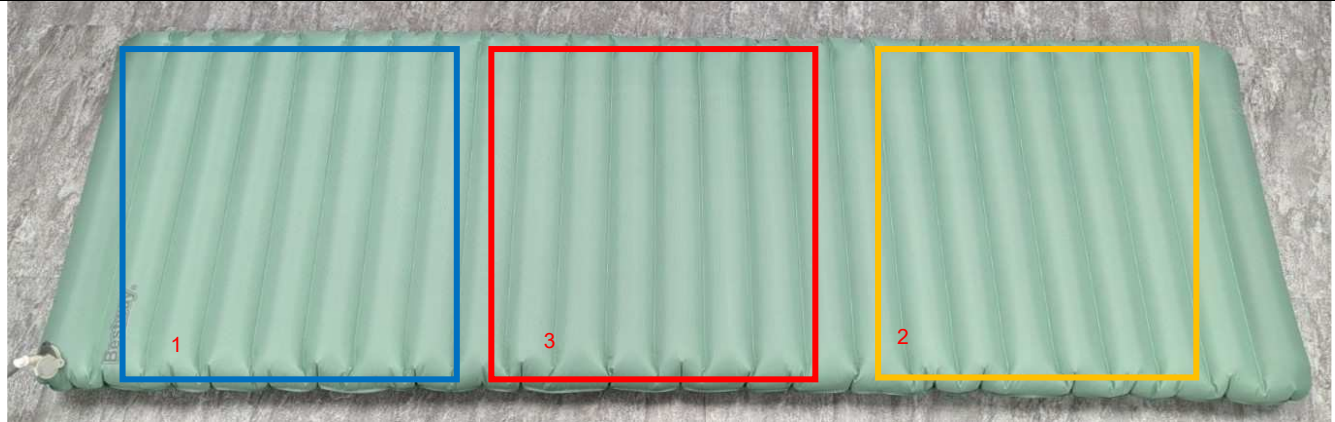
Sample	Location measurement, R <sub>ct</sub> (K m <sup>2</sup> /W)				Standard Deviation	Coefficient Variance
	Location 1	Location 2	Location 3	Average		
Sample 1	0.487	0.464	0.482	0.478	0.012	2.6 %
Sample 2	/	/	0.487	0.487	/	/
Sample 3	/	/	0.485	0.485	/	/
RSI value (K m <sup>2</sup> /W)				*RSI-0.483	0.005	1.0 %
R value (ft <sup>2</sup> ·°F·h/Btu)				R-2.7	0.027	1.0 %

Remark:

- No. of specimen used per sample: 3
- The raw value is RSI- (the original measurement). \*RSI was adjusted value using the correlation factor developed by using three NIST Standard Reference Materials, as required in Appendix 2 of ASTM F3340-22. To convert RSI-value to R-value, multiply by 5.67826

Photo:

Sample



Side View of Testing



Front View of Testing



\*\*\*End of Report\*\*\*

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Sample Photo



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