



## Test Report

No.: SL119002448102TX

Date: Jun 04, 2019

Page 1 of 3

EXPED AG  
HARDSTRASSE 81  
ZURICH,8004,SWITZERLAND

The following sample was submitted and identified by the client as:

One sample of exped SIM UL 5M

Brand	:	EXPED
End Use	:	Camping Mat
Lot No.	:	9110
Season	:	2020
Children Sleepwear	:	No
Country Of Origin	:	Taiwan
Sample Receiving Date	:	May 10, 2019
Test Performing Period	:	May 11, 2019 – Jun 04, 2019
Test Performed	:	Selected test(s) as requested by applicant against specified requirement (details please refer to result page(s)).
	*	* * *
Test Results	:	Please refer to the next page(s).

Signed for and on behalf of  
SGS Hong Kong Ltd.

Carmen Ng  
Senior Technical Executive

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Page 2 of 3

### Test Results : Thermal Resistance of Sleeping Pad (ASTM F3340-18)

Test conditions:

Ambient temperature: 20±0.5°C

Relative humidity: 35±5%

Hotplate temperature: 35±0.1°C

Cold plate temperature: 5±0.1°C

Inner pressure before compression: 3.5±0.2 kPa

External pressure: 2.0±0.1 kPa

Result:

Sample (Exped SIM UL 5M)	Location measurement, $R_{ct}$ (K m <sup>2</sup> /W)			
	Location 1	Location 2	Location 3	Average
Sample A1	0.780	0.619	0.709	0.702
Sample A2	0.836	0.608	0.696	0.713
RSI value (K m <sup>2</sup> /W)				RSI-0.708
R value (ft <sup>2</sup> ·°F·h/Btu)				R-4.0

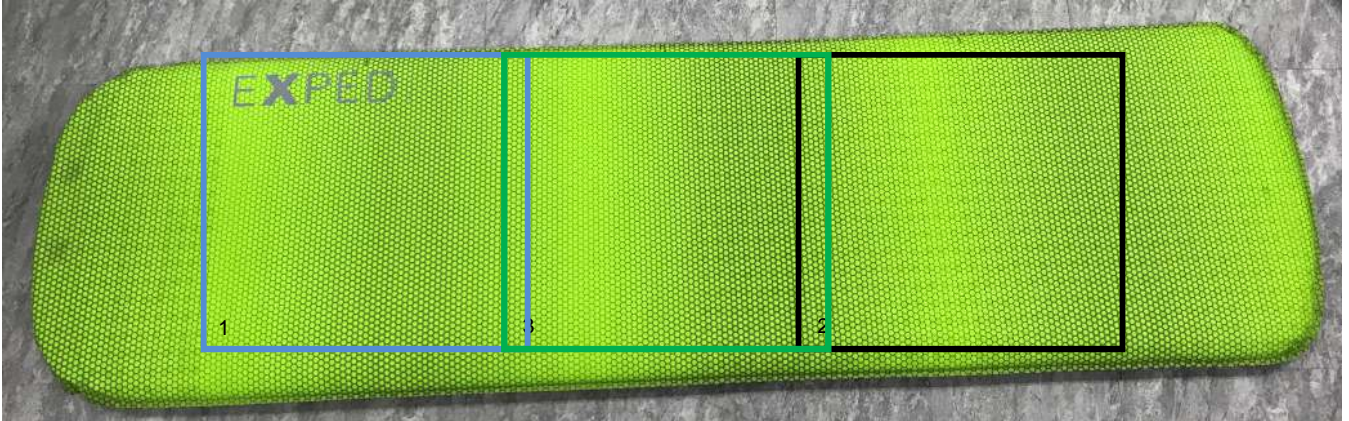
Remark:

1. The higher the RSI-value/R-value of the sleeping pad sample, the better the thermal insulation.
2. No. of specimen used per sample: 2

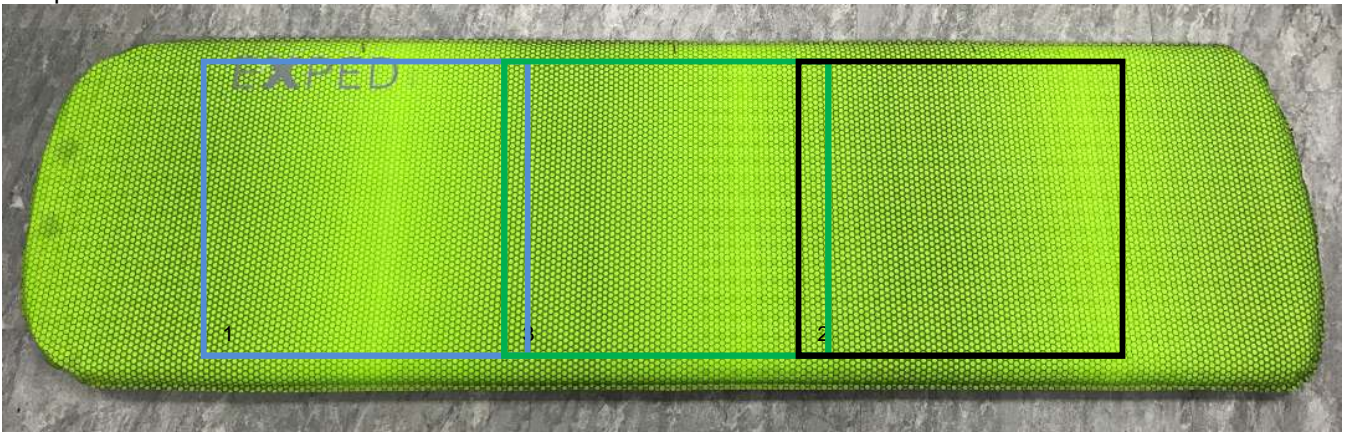
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Photo:  
Sample: A1



Sample: A2



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

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