



Test Report

No.: SL119002447428TX

Date: Jun 04, 2019

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EXPED AG
HARDSTRASSE 81
ZURICH,8004,SWITZERLAND

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

One sample of Exped FlexMat

Brand	:	EXPED
End Use	:	Camping mat
Lot No.	:	9110
Season	:	2020
Children Sleepwear	:	No
Country Of Origin	:	Taiwan
Sample Receiving Date	:	May 09, 2019
Test Performing Period	:	May 10, 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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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: Not applicable (Non-inflating mattress)

External pressure: 2.0±0.1 kPa

Result:

Sample (Exped Flex Mat)	Location measurement, R _{ct} (K m ² /W)			
	Location 1	Location 2	Location 3	Average
Sample A1	0.266	0.273	0.270	0.270
Sample A2	0.272	0.272	0.273	0.272
Sample A3	0.269	0.271	0.273	0.271
RSI value (K m ² /W)				RSI-0.271
R value (ft ² ·°F·h/Btu)				R-1.5

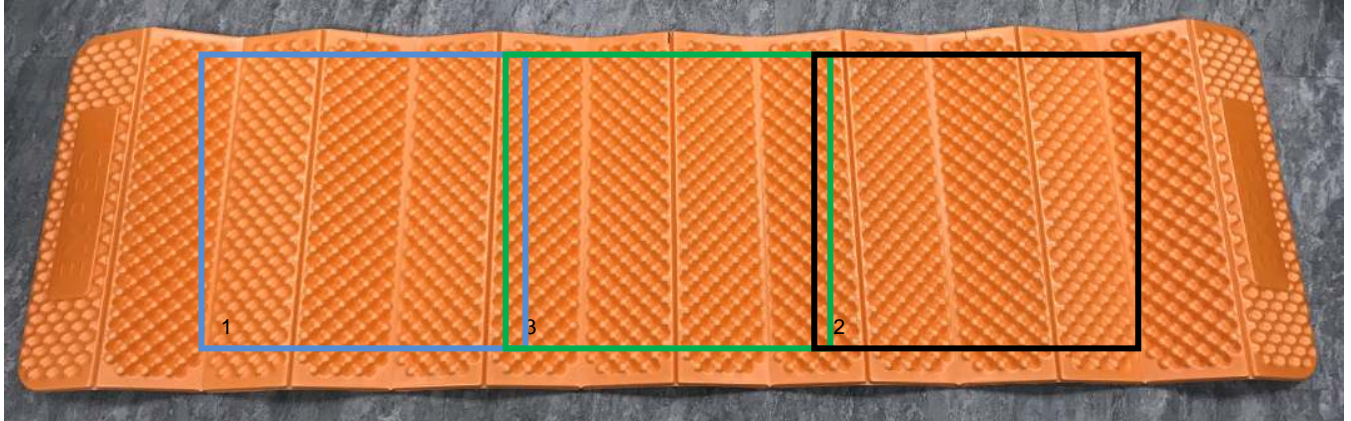
Remark:

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: 3

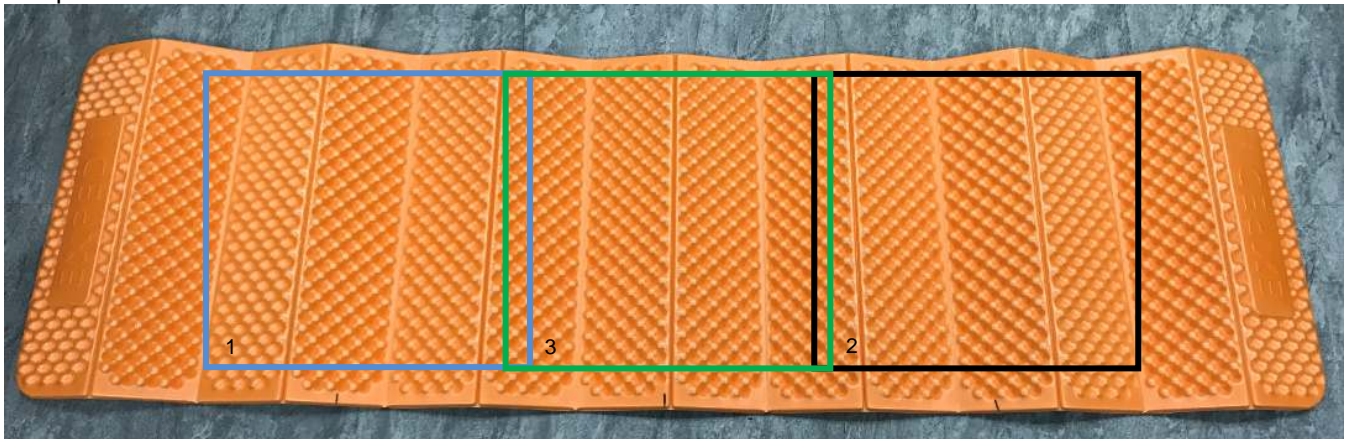
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Photo:
Sample: A1



Sample: A2



Sample: A3



*** End of Report ***

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