



Test Report

No.: SL118103053919TX

Date: Jan 18, 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 SIM UL M

Brand : Exped
End Use : Camping mat
Lot No. : 9110
Season : 2020
Children Sleepwear : No
Country Of Origin : Taiwan

Sample Receiving Date : Dec 13, 2018

Test Performing Period : Dec 13, 2018 – Jan 18, 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.

Ng Siu Lun, Roy
Assistant Technical Manager

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Results :

Thermal Resistance of Sleeping Pad (ASTM F3340-18)

Test conditions:

Ambient temperature: 21±0.5°C

Relative humidity: 65±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	R-value (ft ² ·°F·h/Btu)			
	Location 1 (head end)	Location 2 (foot end)	Location 3 (center)	Average
Sample A1 (full size)	3.23	2.74	3.07	3.01
Sample A2 (full size)	3.54	2.67	3.18	3.13
Sample A3 (full size)	3.64	2.69	3.17	3.17

Remark:

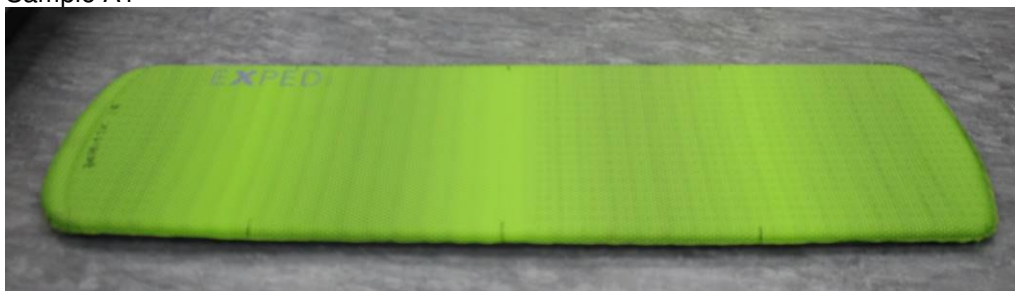
1. The higher the R-value of the sleeping pad sample, the better the thermal insulation.
2. No. of specimen used per sample: 3

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Photo of sample:

Sample A1



Sample A2



Sample A3



*** End of Report ***

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