



Test Report

No.: SL119002115687TX

Date: Mar 13, 2019

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EXPED AG
HARDSTRASSE 81
ZURICH,8004,SWITZERLAND

The following samples were submitted and identified by the client as:

Three samples of SynMat Lite 5 M (2019) marked as (A1)(A2)(A3)

Brand	:	EXPED
End Use	:	Camping Mat
Lot No.	:	9110
Season	:	2020
Children Sleepwear	:	No
Country Of Origin	:	Taiwan
Sample Receiving Date	:	Feb 20, 2019
Test Performing Period	:	Feb 20, 2019 – Mar 13, 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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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	R-value (ft ² ·°F·h/Btu)			
	Location 1 (head end)	Location 2 (foot end)	Location 3 (center)	Average
Sample A1	3.53	3.35	3.42	3.43
Sample A2	3.37	3.44	3.33	3.38
Sample A3	3.43	3.31	3.13	3.29

Remark:

1. The higher the R-value of the sleeping pad sample, the better the thermal insulation.

Photo:

Sample: A1



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Sample: A2



Sample: A3



*** End of Report ***

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