

**NUMBER :VNMT20004886**

**Intertek Vietnam Ltd.**

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**TEST REPORT**

**NUMBER : VNMT20004886**

**DATE : 18-Feb-2020**

**APPLICANT : FASHION LINK JOINT STOCK COMPANY.**  
176 HONG BANG, WARD 12, DISTRICT 5, HO CHI MINH CITY,  
VIETNAM, HCM, VIET NAM

**ATTN : THANH TUYEN**

Sample Description As Declared : Nano Fabric  
Color : White  
No. of Sample : 1 pc  
Order No./PO No. : -  
Buyer Name : -  
Style No. : -  
Fiber Content : -  
Article No. :  
Date Received/Date Test Started : 14 Feb 2020  
Date Confirmation Received : -

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**TEST CONDUCTED : AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO ENCLOSED PAGE(S)**

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AUTHORIZED BY  
FOR INTERTEK VIETNAM LTD. [HO CHI MINH]



PHUONG LE  
SOFTLINES GENERAL MANAGER

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)

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TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

**1. Antibacterial Activity**

AATCC 100 - 2012 Organism *Klebsiella pneumoniae* (ATCC 4352) And Organism *Staphylococcus aureus* (ATCC 6538)

Test Organism : *Staphylococcus Aureus* (ATCC 6538)

*Klebsiella Pneumoniae* (ATCC 4352)

Sterilization Of Sample Before Test : Autoclave At 121°C, 15 Minutes

Neutralizing Solution : 0.85% Sodium Chloride Solution

Contact Time : 24 Hours

Incubation Temperature : 37°C

Incubation Period : 48 Hours

Agar Medium : Nutrient Agar

Tested Specimen : Submitted Sample (8 Pieces Of Swatches With 4.8 cm In Diameter)

Result :

	<u><i>Staphylococcus Aureus</i> (ATCC 6538)</u>	<u><i>Klebsiella pneumoniae</i> (ATCC 4352)</u>
Initial Count (CFU/ml)	5.5x10 <sup>5</sup>	4.8x10 <sup>5</sup>
The number of bacterial recovered from the inoculated tested sample swatches immediately after inoculation ("0" contact time)(b)(CFU/Sample)	4.4x10 <sup>5</sup>	5.5x10 <sup>5</sup>
The number of bacterial recovered from the inoculated tested sample swatches incubated over 24 hours contact period (a)(CFU/Sample)	<1.0x10 <sup>2</sup>	<1.0x10 <sup>2</sup>
Percent reduction of Bacterial	>99.98%	>99.98%

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**2. UV Protection**

EN 13758-1:2001 As Received

Dry

The Mean Ultraviolet Protection Factor, UPF	24.80
The Mean UVA Transmittance, T (UVA) (%)	6.06
The Mean UVB Transmittance, T (UVB) (%)	3.47
Percent UVA Blocking (%)	93.94
Percent UVB Blocking (%)	96.53
UV Protection Category	Good Protection
UPF Rating For Label	20

Wet

The Mean Ultraviolet Protection Factor, UPF	49.11
The Mean UVA Transmittance, T (UVA) (%)	4.39
The Mean UVB Transmittance, T (UVB) (%)	1.35
Percent UVA Blocking (%)	95.61
Percent UVB Blocking (%)	98.65
UV Protection Category	Good Protection
UPF Rating For Label	20

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**## END OF THE TEST REPORT ##**

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