

Middle Layer

- * Nano Knit fabric
- * Anti-bacterial
- * Dust filter out



NUMBER :VNMT20004886



Intertek Vietnam Ltd.

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 : -

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

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



PHUONG LE
SOFTLINES GENERAL MANAGER

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Hochiminh office: 5th,6th,7th floor, Lobby D, S.O.H.O Biz Office Building, No. 38 Huynh Lan Khanh St., Ward 2, Tan Binh District, Ho Chi Minh City, Vietnam. Tel: (84-28) 62971099
62971098 Email: consumergoods.vietnam@intertek.com

Fax: (84-28)

Hanoi office:3rd floor, Au Viet Building, No.01 Le Duc Tho Street, Mai Dich Ward, Cau Giay District, Hanoi, Vietnam. Tel:(84-24)37337094 Fax:(84-24)37337093 Website:www.intertek.com

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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 ⁵	4.8x10 ⁵
The number of bacterial recovered from the inoculated tested sample swatches immediately after inoculation ("0" contact time)(b)(CFU/Sample)	4.4x10 ⁵	5.5x10 ⁵
The number of bacterial recovered from the inoculated tested sample swatches incubated over 24 hours contact period (a)(CFU/Sample)	<1.0x10 ²	<1.0x10 ²
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

END OF THE TEST REPORT

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