



**TEST REPORT**

Trans Pacific Textile (M) Sdn. Bhd.

Test Report No:

SINH20800466-3

## Test Report

Company Name & Address	<b>Trans Pacific Textile (M) Sdn. Bhd.</b> 28 Jalan Damai Utama, Taman Industrie Damai Plus, Off Jalan Kluang, 83000, Batu Pahat, Johor Darul Takzim, Malaysia.
Product/Model(s)	<b>ProXmask 90V</b>
Standard/Specification(s)	<b>Bacteria Filtration Efficiency</b> ASTM F2101-19
Date of Report	7 July 2020
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*This report is made on the basis of information and data from original report results.*

Prepared by

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R&D Chemist



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### 1. Bacteria Filtration Efficiency (BFE) Test (ASTM F2101-19)

#### Test description:

ASTM F2101-19 standard test method for evaluating the bacteria filtration efficiency (BFE) of medical face mask materials, using a biological aerosol of *Staphylococcus aureus*.

Area contacting with the bacteria challenge: Inside of the mask

Flow rate:  $28.3 \pm 0.3$  L/min

Mean particle size of the challenge aerosol:  $3 \mu\text{m} \pm 0.3 \mu\text{m}$

Test area: approximately 38.5 cm

#### Sample description:

ProXmask 90V

Hand wash at 30 °C with woolite, do not bleach, line dry, 60 washes

#### Results:

The test results showed the Bacterial Filtration Efficiency for the samples submitted reached 80.13% in average based on 3 trials.