



TEST REPORT

Trans Pacific Textile Sdn. Bhd.
Test Report No:
7191243504-CHM20-03-CXJ

Test Report

Company Name & Address	Honsin Apparel Sdh. Bhd. 531, Batu 2 ½, Jalan Kluang, 83000, Batu Pahat, Johor Darul Takzim, Malaysia.
Product/Model(s)	ProXmask Filter
Standard/Specification(s)	Particulate Filtration Efficiency (PFE) ASTM F2299
Date of Test	11 September 2020
Test Report Number	7191243504-CHM20-03-CXJ

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. Particulate Filtration Efficiency (ASTM F2299)

Test description:

ASTM F2299 – Standard test method for determining the initial efficiency of material used in medical face mask to penetration by particulates using latex spheres (average particle size 0.1 μm , natural state).

Air flow rate: 28.3 L/min

Air velocity: 5.1 cm/s

Test area: 91.6 cm^2

Sample description:

ProXmask filter

The test sample have been subjected to AATCC LP2-2018 Home laundering: Hand washing procedure (60 washes and drying at 5th, 20th, 30th, 35th and 60th cycle) prior to testing.

Result:

Sub-micron Particulate Efficiency (PFE) at 0.1 micron		
Sample	PFE (%)	Average PFE (%)
1	96.19	96.5
2	96.56	
3	97.24	
4	96.26	
5	96.24	