

TEST REPORT

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Your Ref: -

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- Subject** : Penetration by particulates using latex sphere test for Face Mask submitted by JSB Tech Pte Ltd on 14/10/2020.
- Purpose** : The purpose of the test is to measure the particulate filtration efficiency of a medical face mask
- Tested For** : **JSB TECH PTE LTD**
100 Pasir Panjang Road
#06-02 100 Pasir Panjang
Singapore 118518
- Method of Test** : ASTM F 2100-19 Standard Specification for Performance of Materials Used in Medical Face Masks – Clause 9.3 Sub-Micron Particulate Filtration; Determine particulate filtration efficiency as directed in Test Method F2299
- Description of Samples** : 11 pieces of eGee-Pro Mask were received (Refer to Photograph 1)


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Principal Engineer (CMTD)
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Test Results : Particulate Filtration Efficiency

Sample Reference	eGee-Pro Mask				
Conditioning	From 15/10/2020 to 16/10/2020 @ 21°C, 52%RH				
Date of Test	16/10/2020				
Test Condition	21°C, 52%RH				
Flow rate (L/min)	28.3				
Size of Latex Particles (µm)	0.1				
Specimen Reference	S1	S2	S3	S4	S5
Thickness (mm)	0.82	0.83	0.84	0.84	0.84
Mass per unit area (g/m ²)	101.91	100.05	97.01	99.08	99.69
Penetrance, P (%)	0.000	0.000	0.000	0.000	0.000
Filtration Efficiency, E (%)	100.000	100.000	100.000	100.000	100.000
Average PFE (%)	100.000				
Requirement Accordance to ASTM 2100-19	Sub-micron particulate filtration efficiency at 0.1 micron, % Level 1 ≥ 95 Level 2 ≥ 98 Level 3 ≥ 98				







Photograph 1 JSB Tech Pte Ltd eGee-Pro Mask as received

