

# TEST REPORT

(This Report is issued subject to the terms & conditions set out below)

**SetSCO Services Pte Ltd**  
18 Teban Gardens Crescent  
Singapore 608925  
Tel : (65) 6566 7777  
Fax: (65) 6566 7718  
www.setsco.com  
Business Reg. No. 196900269D

Your reference No. : -  
Our reference No. : FB8500144103

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## SYNTHETIC BLOOD PENETRATION TEST

**Date:** 25/01/2021

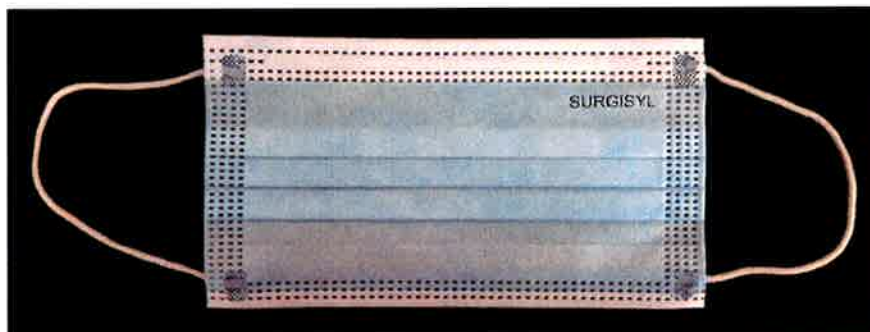
**Tested For:** **Medi Dent International Private Limited**  
21 Ubi Road 1 #05-02B  
Singapore 408724  
**Attn: Amjad Ali**

**Test Method:** ASTM F1862 / F1862M – 17 Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity).

**Date Sample Received:** 20/01/2021

**Date Sample Analyzed:** 22/01/2021

**Sample Description:** Surgisyl Surgical Face Mask



  
DR WU JIEN  
HOD MICROBIOLOGY

**BIOLOGICAL & CHEMICAL TECHNOLOGY DIVISION**

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## Results:

Lab Sample ID No.	Pressure	Number of Test Articles Tested	Number of Test Articles Passed <sup>1</sup>
FB8500144103001	160 mmHg	32	29

## Remarks:

The tested results apply only to the samples as received by the laboratory.

<sup>1</sup>As per ASTM F1862 Level III face masks, an acceptable quality limit of 4.0% is met for a normal single sampling plan when  $\geq 29$  out of 32 test articles show passing results.

  
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## SYNTHETIC BLOOD PENETRATION TEST

Test Items (The Masks Fellows 3-Ply Surgical Masks)	Test Results (Blood penetration @ 160 mmHg)
Sample #1	None Observed
Sample #2	None Observed
Sample #3	None Observed
Sample #4	None Observed
Sample #5	None Observed
Sample #6	None Observed
Sample #7	None Observed
Sample #8	None Observed
Sample #9	None Observed
Sample #10	None Observed
Sample #11	None Observed
Sample #12	None Observed
Sample #13	None Observed
Sample #14	None Observed
Sample #15	None Observed
Sample #16	None Observed

**Remarks:**

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## SYNTHETIC BLOOD PENETRATION TEST

Test Items (The Masks Fellows 3-Ply Surgical Masks)	Test Results (Blood penetration @ 160 mmHg)
Sample #17	None Observed
Sample #18	Observed
Sample #19	None Observed
Sample #20	None Observed
Sample #21	None Observed
Sample #22	Observed
Sample #23	None Observed
Sample #24	None Observed
Sample #25	None Observed
Sample #26	None Observed
Sample #27	None Observed
Sample #28	None Observed
Sample #29	None Observed
Sample #30	Observed
Sample #31	None Observed
Sample #32	None Observed

**Remarks:**

The tested results apply only to the samples as received by the laboratory.

<sup>1</sup>As per ASTM F1862 Level III face masks, an acceptable quality limit of 4.0% is met for a normal single sampling plan when  $\geq 29$  out of 32 test articles show passing results.



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