

TEST REPORT: 7191238077-CHM20-02-SJY

Date: 03 JUN 2020

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Client's Ref: Cheque No.: OCBC201012 Email: Sihai.LI@tuv-sud-psb.sg

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SUBJECT

Synthetic Blood Penetration Test

CLIENT

SCGM BHD
PTD 109444, Jalan Sengkang
Kawasan Perusahaan Sri Sengkang
81000 Kulai
Johor, Malaysia

Attn: Dato' Sri Lee Hock Seng

SAMPLE SUBMISSION DATE / TEST DATE

28 May 2020 / 02 June 2020

DESCRIPTION OF SAMPLE

One type of mask described as below was received:

Sample Description	Quantity
SCGM 3 Ply Surgical Mask	40 pieces



Laboratory:
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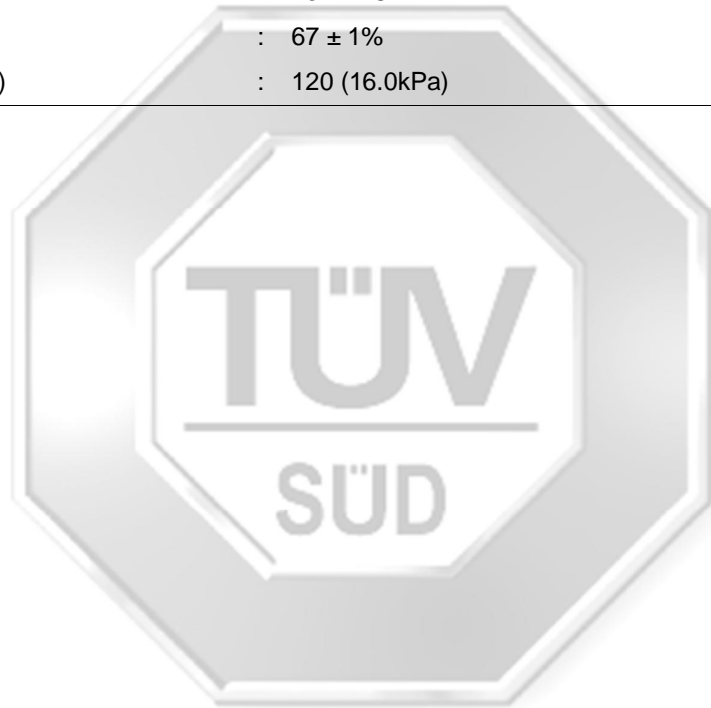


METHOD OF TEST

ASTM F1862-17

“Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity)”

Distance of mask to the tip of cannula	: 30.5 cm
Test volume	: 2 mL
Test side	: Outside
Pre-conditioning	: Minimum of 4 hours at $21 \pm 5^{\circ}\text{C}$ and $85 \pm 5\%$ r.h.
<u>Test conditions*</u>	
Test temperature	: $23 \pm 1^{\circ}\text{C}$
Relative humidity	: $67 \pm 1\%$
Pressure (mmHg)	: 120 (16.0kPa)



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RESULT

Test article number	Results
1	Passed
2	Passed
3	Passed
4	Passed
5	Passed
6	Passed
7	Passed
8	Passed
9	Passed
10	Passed
11	Passed
12	Passed
13	Passed
14	Passed
15	Passed
16	Passed
17	Passed
18	Passed
19	Passed
20	Passed
21	Passed
22	Passed
23	Passed
24	Passed
25	Passed
26	Passed
27	Passed
28	Passed
29	Passed
30	Passed
31	Passed
32	Passed
No. of Passed	32 / 32

Note:

- 1) An acceptable quality limit of 4.0% is met for a single sampling plan when 29 or more of the 32 tested specimens show pass results.
- 2) Samples were randomly selected and identified for testing.
- 3) (*) Test was conducted within 1 minute of removal from the environmental chamber held at pre-conditioning environment

SEOW JIA YI
CHEMIST

for **DR LI SIHAI**
AVP / SENIOR CHEMIST
COATINGS & INDUSTRIAL CHEMICALS
CHEMICAL & MATERIALS

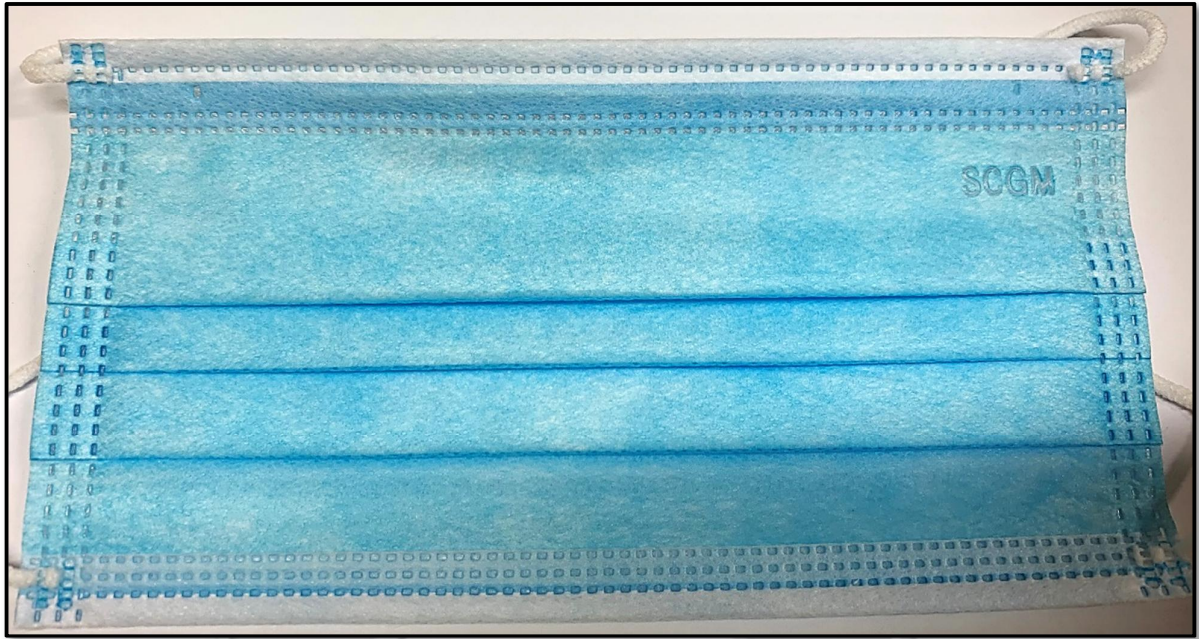


Figure 1. "SCGM 3Ply Surgical Mask" sample as received



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July 2011

