ANALYSIS REPORT
SCC Accreditation No.: 40‡

Mrs. Hope Metzler
Date: August 26, 2020
Report: 5970-001T-2A-en

MakerMask.org

IDENTIFICATION:
Masks: Green fabric
Received: August 24, 2020

STANDARD:

TEST:
Resistance of Medical Face Masks to Penetration by Synthetic Blood
(Horizontal Projection of Fixed Volume at a Known Velocity)  
ASTM F1862/F1862M-17‡

TEST CONDITIONS:
Conditioning atmosphere: 21±5°C, 85±5% R.H.;
Testing atmosphere (<1 minute): 19.5°C ; 74% H.R. ;
Distance of the mask from the cannula: 30.5cm
Volume of fluid impacting the masks: 2.01ml
Blood penetration detection: NAKED_EYE
Number of specimens tested: 39
Date of test: August 25, 2020

RESULTS:

<table>
<thead>
<tr>
<th>Stream velocity (cm/s):</th>
<th>Corresponding blood pressure (mmHg):</th>
</tr>
</thead>
<tbody>
<tr>
<td>635</td>
<td>160</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blood penetration (pass/fail):</th>
<th>PASS</th>
<th>FAIL</th>
<th>PASS</th>
<th>FAIL</th>
<th>PASS</th>
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<tbody>
<tr>
<td></td>
<td>FAIL</td>
<td>PASS</td>
<td></td>
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<thead>
<tr>
<th>Stream velocity (cm/s):</th>
<th>Corresponding blood pressure (mmHg):</th>
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<tr>
<td>550</td>
<td>120</td>
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<table>
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<tr>
<th>Blood penetration (pass/fail):</th>
<th>PASS</th>
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<td>PASS</td>
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</tr>
</tbody>
</table>

Prepared by: Patrick Dubois, Technician
Approved by: Alejandro Maupomé, Eng., Ph.D.
Date: August 26, 2020

**For any information concerning this report, please contact Alejandro Maupomé.**

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www.gcttg.com  1 877 288-8378  1 450 778-1870  Fax: 1 450 778-3901
Green Fabrics 3 layers PASS OUT 160

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Alejandro Maupomé, Eng., Ph.D.
Project Leader
Date: August 26, 2020

Approved by:

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GREEN FABRICS 3 LAYERS FAIL OUT 160

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Green Fabrics 3 layers FAIL IN 160
Green Fabrics 3 layers PASS OUT 120

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Alejandro Maupomé, Eng., P.Eng.
Project Leader
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