

ANALYSIS REPORT
SCC Accreditation No.: 40‡

Mr. Rob Roach
United Sewing Automation, Inc.

Date: June 22, 2020
 Report: 5811-001T-5B-en

IDENTIFICATION: Face mask: U-325
 Received: June 18, 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): 22.9°C ; 62% H.R. ;
 Distance of the mask from the cannula: 30.5cm
 Volume of fluid impacting the masks: 2.01ml
 Number of specimens tested: 32
 Date of test: June 19,2020

RESULTS: Individual Data

Stream velocity (cm/s):	635				
Corresponding blood pressure (mmHg):	160				
Blood penetration (pass/fail):	PASS	PASS	PASS	PASS	PASS
	PASS	PASS	PASS	PASS	PASS
	PASS	PASS	PASS	PASS	PASS
	PASS	PASS	PASS	PASS	PASS
	PASS	PASS	PASS	PASS	PASS
	PASS	PASS	PASS	PASS	PASS
	PASS	PASS	PASS	PASS	PASS

Prepared by:
 Patrick Dubois,
 Technician

Approved by:
 Alejandro Maupomé, Eng., Ph.D.
 Project Leader

Date: June 22, 2020

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

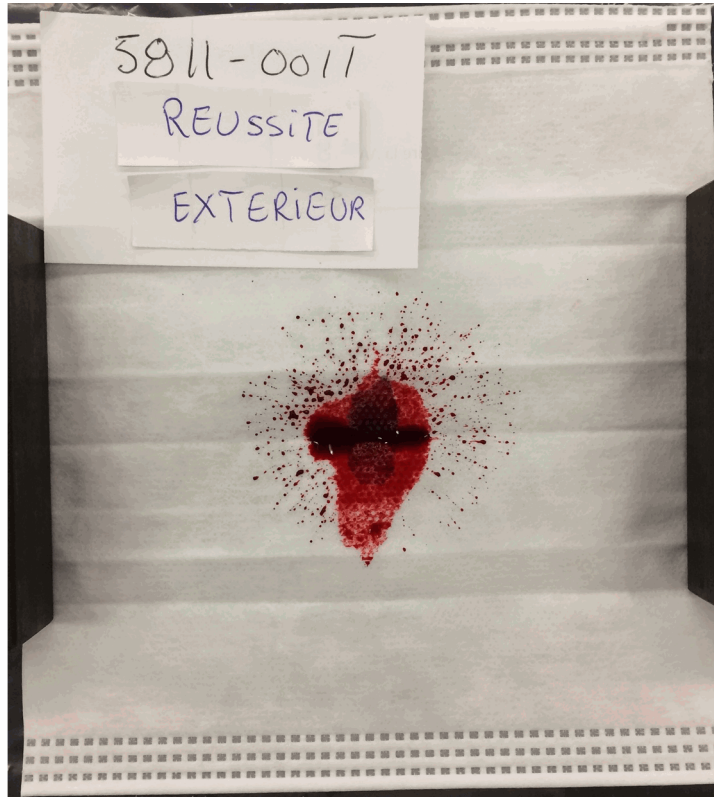
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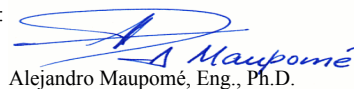
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White mask PASS OUT 160



Approved by:



Alejandro Maupomé, Eng., Ph.D.

Project Leader

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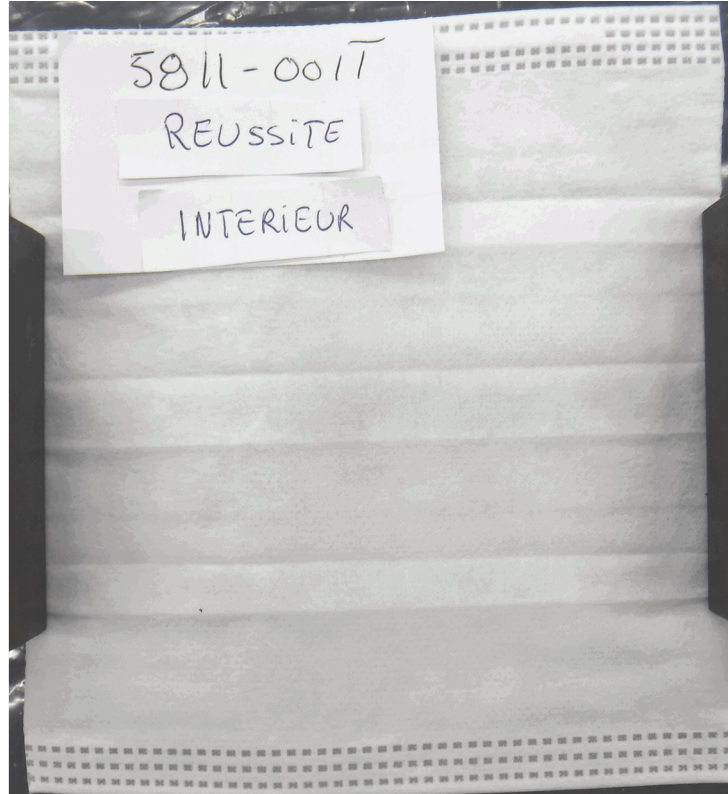
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