

**ANALYSIS REPORT**  
**SCC Accreditation No.: 40‡**

Mr. René Caissie

Date: August 18, 2020

**Dorma Lab**

Report: 5827-001T-4B-en

IDENTIFICATION: Filter for BRP mask: SP Teflon  
 Received: April 21, 2020


STANDARD:

TEST: Test Method for Filtration of 0.3 micron NaCl particles by Materials GCTTG 154-20‡  
 Used in Medical Face Masks


TEST CONDITIONS: The test was subcontracted to another laboratory;  
 Conditioning atmosphere: 21±5°C, 65±5% R.H. for a minimum of 4 hours;  
 Air flow (L/min): 85  
 Date of test: April 23 2020

RESULTS:	Individual Data					Avg.	S.D.	% CV
Resistance (mm H <sub>2</sub> O):	91.8	146	123	90.1	97.3	<b>107.0</b>	18.6	<b>17.4</b>
	114	114	84.3	100	92.7			
	96.1	149	128	93.0	100			
	117	118	86.9	103	95.0			
Resistance (Pa):	900	1430	1210	884	954	<b>1 049</b>	183	<b>17.4</b>
	1120	1120	827	982	909			
	942	1460	1250	912	985			
	1150	1160	852	1010	932			
Penetration percentage (%):	0.0570	0.00900	0.0310	0.0400	0.0290	<b>0.0320</b>	0.0149	<b>46.8</b>
	0.0400	0.0220	0.0290	0.0260	0.0250			
	0.0460	0.00100	0.0200	0.0590	0.0400			
	0.0420	0.0170	0.0490	0.0320	0.0250			
Filtration efficiency (%):	99.9	100	100	100	100	<b>100</b>	0	<b>0.0</b>
	100	100	100	100	100			
	100	100	100	99.9	100			
	100	100	100	100	100			

Prepared by:

  
 Karine Tourchot,  
 Technician

Approved by:

  
 Alejandro Maupomé, Eng., Ph.D.  
 Project Leader

Date: August 18, 2020

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

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