



Mask Testing Services  
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ANALYTICAL REPORT ID 21-PPE-00181 & 21-PPE-00328  
 DATE RECEIVED 25-Mar-2021  
 REPORT DATE 1-Apr-2021  
 MANUFACTURER Ronco Disposal Products Ltd

PRODUCT ID RONCO FACE MASKS  
 LOT/BATCH# n/a  
 MATERIAL SMS  
 DESCRIPTION Blue; 3-ply

## MEDICAL MASK TEST SUMMARY

ASTM F2100: Standard Specification for Performance of Materials used in Medical Face Masks

Test Method	AVERAGED RESULT	Not Rated	ASTM F2100		
			Level 1	Level 2	Level 3
<b>Flammability</b> 16 CFR 1610	Class 1	Class 3	Class 1		
<b>Particulate Filtration Efficiency</b> ASTM F2299	99.83	< 95%	≥ 95%	≥ 98%	
<b>Differential Pressure</b> EN 14683 Annex C	3.27	≥ 6.0 mm H <sub>2</sub> O/cm <sup>2</sup>	< 5.0 mm H <sub>2</sub> O/cm <sup>2</sup>	< 6.0 mm H <sub>2</sub> O/cm <sup>2</sup>	
<b>Bacterial Filtration Efficiency</b> ASTM F 2101	99.93	< 95%	≥ 95%	≥ 98%	
<b>Fluid Resistance to Synthetic Blood</b> ASTM F1862	160 mmHg	Failure at 80 mmHg	80 mmHg	120 mmHg	160 mmHg

Highlighted box indicates the performance level of the mask for the given test.

The samples tested meet the acceptance criteria for **ASTM F2100 performance LEVEL 3.**

Test results only apply to the samples submitted for analysis. Samples are randomly selected for each test from the submitted batch. It is the responsibility of the distributor to ensure the tested batch is compliant to the required sampling methodology as per ANSI/ASQ Z1.4 or ISO 2859-1. Additional test information is available upon request. Kinectrics is accredited to ISO 17025:2017 by the Standards Council of Canada for ASTM F2100

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