

TECHNICAL DATASHEET: MSK-50-CANMASK ((01)00627987388602)

Intended Use

To be worn as a personal protective device by personnel during medical procedures to protect both the patient and the operating personal from transfer of microorganisms, body fluids and droplet borne infections

Description

Rectangular face masks with a shapeable nosepiece and two attached ear loops to hold mask in place

Specifications

Material Composition	
Outer Material	Nonwoven Spunbond Polypropylene
Filter Material	Nonwoven Meltblown Polypropylene
Inner Material	Nonwoven Spunbond Polypropylene
Nosepiece	Flat plastic strip
Earloop	Hexagonal / oblong interwoven elastic

Colour	
Out Layer Color	Hospital blue
Inner Layer Color	White
Earloop	White

Dimensions	
Width	101.6 mm
Length	177.8 mm
Nosepiece	108.2 mm
Earloop	160.0 mm

Packaging		
Masks / Box	Boxes / Case	Masks / Case
50	40	2000





Report For: Canadian Health Masks
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Laboratory #: 842646-20
REVISION 2
Report Date: September 30, 2020
Received Date: August 24, 2020

Attention: Ilon Tyan
Specimen: #1: Medical Mask

TEST REPORT

One specimen, consisting of Medical Masks, was submitted to be tested for bacteria filtration efficiency, differential pressure, particle filtration efficiency, synthetic blood penetration and flame spread to determine acceptability with level barrier classification under ASTM F2100-19 requirements.

Medical Face Mask Material Requirements

Characteristic	Level 1 Barrier	Level 2 Barrier	Level 3 Barrier	Summary Results
Bacterial Filtration Efficiency, %	≥95	≥98	≥98	Pass any level
Differential Pressure, mm H ₂ O/cm ²	<5.0	<6.0	<6.0	Pass any Level
Sub-Micron Particulate Filtration Efficiency at 0.1 micron, %	≥95	≥98	≥98	Pass any Level
Synthetic Blood Penetration minimum pressure in mmHg for pass result	80	120	160	Pass level 2 Pass Level 3
Flame Spread	Class 1	Class 1	Class 1	Pass any Level
OVERALL PERFORMANCE LEVEL	Complete - Level 3			

Revision: The number of specimens for synthetic blood penetration level 3 barrier classification was increased to 50 specimens.

Revision date: September 3, 2020

Revision 2: Holding company name of Dreammind Group of Companies changed to company trade name of Canadian Health Masks.

Revision 2 date: September 30, 2020

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Cambridge Materials Testing Limited

Per Steve Brown
Authorized By Stephen Brown
Per Anamaria Rojas Pineda
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