NOVOshield®

level 3 medical three layer masks
ASTM F2100 CERTIFIED
item# 1066

MADE IN CANADA · FABRIQUÉ AU CANADA

Test	Medical Mask ASTM F2100		
	Level 1	**Level 2**	**Level 3**
Bacterial Filtration Efficiency, %	≥95	≥98	≥98
Differential Pressure mm H2O/cm² (Pa/cm²)	<4.0 <39.2	<5.0 <49.0	<5.0 <49.0
Submicron particulate filtration efficiency at 0.1 micron, %	≥95	≥98	≥98
Splash Resistance/ Synthetic Blood Resistance, mmHg	80	120	160
Flame Spread	Class 1	Class 1	Class 1

Flexible nose wire

Elastic Ear-loops

Fluid protection

3 layer protection

Pleated for comfort

Ultrasonic welded seams

Health Canada

Class 1 Medical Device
MDEL license #11816
Company #131791
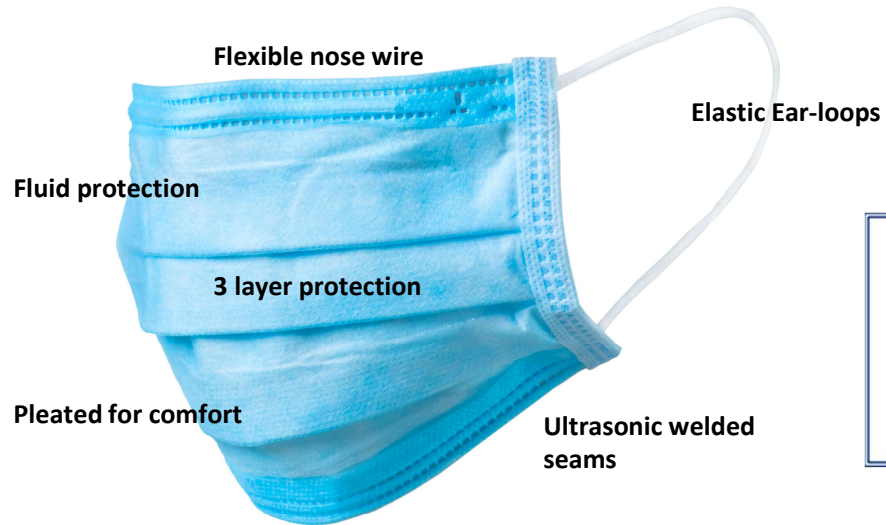
<u>MASK MATERIALS:</u>
- **Outer later 100% spunbond polyurethane**
- **Inner later 100% meltblown**
- **Inside later: 100% spunbond polyurethane**
- **Nose wire: 100% aluminum**
- **Earloops: 100% polyspandex**
- **Latex-free**
- **Hypoallergenic**

Nelson Labs.
A Sotera Health company

Study Number 1312024-S01
Bacterial Filtration Efficiency (BFE) Final Report

Results:

Test Article Number	Percent BFE (%)
1	>99.9[a]
2	>99.9[a]
3	>99.9
4	>99.9
5	>99.9[a]

[a] There were no detected colonies on any of the Andersen sampler plates for this test article.

The filtration efficiency percentages were calculated using the following equation:

$$\% BFE = \frac{C - T}{C} \times 100$$

C = Positive control average
T = Plate count total recovered downstream of the test article
Note: The plate count total is available upon request