

Specifications for disposable medical 3-ply face mask WLM 2002

Item: Disposable medical 3-ply face mask

Material composition: 100% polypropylene+meltblown filter+100% polypropylene

Fabric weight: 20+25+25gsm

Color: blue/white/green

Size: 17.5x9.5cm

Style: ear-loop, nose-clip

Product picture:



Testing results from Nelson Labs according to EN14683:2019 and other standards:

Results:

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

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

Test Article Number	Delta P (mm H ₂ O/cm ²)	Delta P (Pa/cm ²)
1	3.0	29.2
2	3.0	29.8
3	3.0	29.8
4	3.0	29.0
5	3.0	29.2



Latex Particle Challenge Final Report

Results:

Test Article Number	Average Test Article Counts	Average Control Counts	Filtration Efficiency (%)
1	9	12,401	99.927
2	7	13,042	99.949
3	17	13,496	99.87
4	14	13,570	99.90
5	6	13,926	99.957

Results: Per ASTM F1862 and ISO 22609, an acceptable quality limit of 4.0% is met for a normal single sampling plan when ≥29 of 32 test articles show passing results.

Test Pressure: 120 mmHg (16.0 kPa)
Test Date: 03 Oct 2019

Test Article Number	Synthetic Blood Penetration
1-3, 5-16	None Seen
4	Yes

Test Pressure: 120 mmHg (16.0 kPa)
Test Date: 07 Nov 2019

Test Article Number	Synthetic Blood Penetration	Test Article Number	Synthetic Blood Penetration
17-27, 29-32	None Seen		
28	Yes		