

Level 2 mask technical specifications summary

CERTIFICATE OF ANALYSIS

Product Name	Medical Face mask	Size	7.5cm X 9.5cm
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Testing Period	18-23 May 2020	Test Method	EN14683:2019
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Bacterial Filtration Efficiency (EN 14683:2019 Annex B)

Performance requirement: $\geq 98\%$

	1	2	3	4	5
BFE%	99.9	99.6	99.7	99.7	99.8

Breathability – Differential Pressure (EN 14683:2019 Annex C)

Performance requirement: $< 60 \text{ Pa/cm}^2$

	1	2	3	4	5
Differential pressure (Pa/cm ²)	33	36	34	36	37

Splash resistance (ISO 22609:2004)

Performance requirement: Pressure of $\geq 16.0 \text{ kPa}$

Penetration of inside service							
1	2	3	4	5	6	7	8
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
9	10	11	12	13	14	15	16
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
17	18	19	20	21	22	23	24
Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass
25	26	27	28	29	30	31	32
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Number of pass:			31				
Overall result:			Acceptable				



Remarks:

- 1) Distance of medical mask target area surface to the tip of cannula is $300\pm 10\text{mm}$
- 2) Condition and test temperature $(21\pm 5)^{\circ}\text{C}$, relative humidity $(85\pm 10)\%$
- 3) An acceptable quality limit of 4.0% is met for a single sampling plan when 29 or more of the 32 tested specimens show pass result.

NOTE: These are in line with the specifications of AS 4381:5015 Level 2.