

TEST REPORT

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Our Ref: FB-8500163443/SS/4

Date: 09/06/2021

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- Subject** : Differential pressure test for Granzilla Aircare 3 ply disposable face mask (Black) submitted by Grantech Pte Ltd on 29/05/2021
- Purpose** : The purpose of the test is to measure the differential pressure of a medical face mask
- Tested For** : **GRANTECH PTE LTD**
629 Aljunied Road
#04-17 Cititech Industrial Building
Singapore 389838
Attn: Mr SY Ong
- Method of Test** : BS EN 14683 : 2019 Medical Face Masks – Requirements and Test Methods Clause 5.2.3 Annex C Method for determination of breathability (differential pressure)
- Description of Samples** : 50 pieces of Granzilla Aircare 3 ply disposable face mask (Black) were received (Refer to Photograph 1)
- | | | |
|----------------|---|-----------|
| Lotcode | : | 20210104 |
| Model | : | SML-A21 |
| Meltblown Used | : | HSL200826 |


Khairuddin
Testing Officer


Salim Suwignjo
Assistant Manager (CMTD)
Construction Technology Division

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LA-1993-0051-C LA-1998-0144-D
LA-1993-0067-G LA-2000-0181-F
LA-1994-0068-A LA-2012-0519-E
LA-1987-0001-B LA-1987-0001-B-1

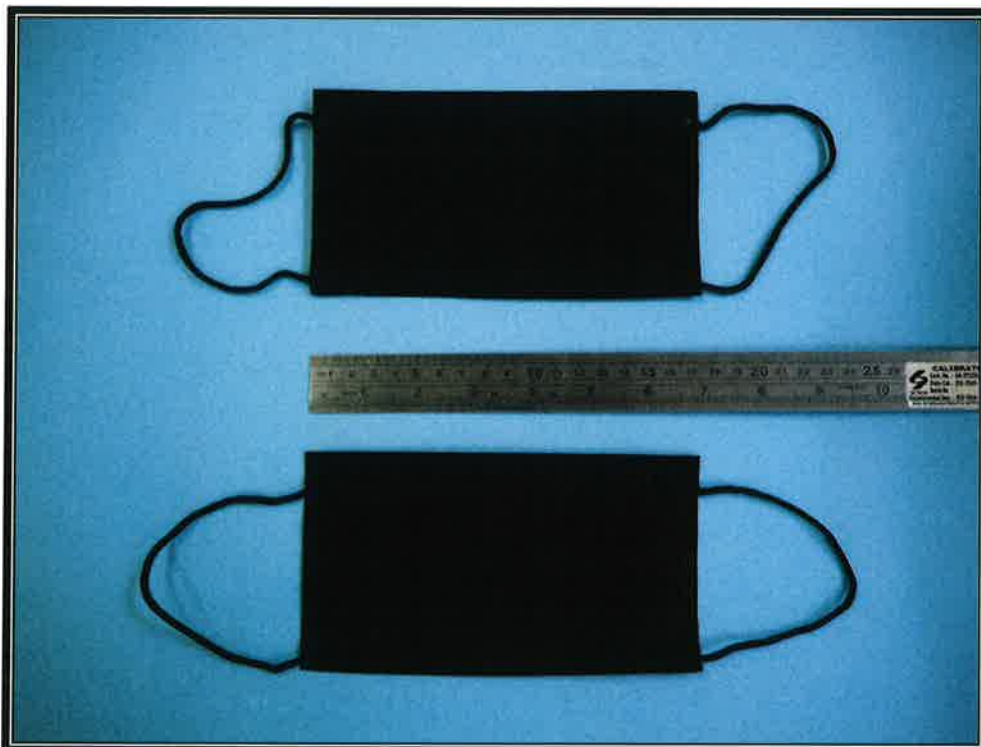
Test Result : Differential Pressure

Sample Reference		Granzilla Aircare 3 ply disposable face mask (Black)				
Conditioning		From 03/06/2021 to 04/06/2021 @ 21°C, 80%RH				
Date of Test		04/06/2021				
Test Condition		23°C, 52%RH				
Air Flow	(L/min)	8				
Tested Area	(cm ²)	4.9				
Type of Mask		Multi Material Mask				
Specimen Reference		S1	S2	S3	S4	S5
Differential Pressure, ΔP (Pa/cm ²)	Top 1	30.00	22.86	26.73	26.53	35.10
	Top 2	33.27	24.49	26.53	27.14	35.92
	Top 3	35.51	24.08	29.18	29.39	31.84
	Bottom 1	30.20	24.90	32.24	29.80	26.12
	Bottom 2	34.69	23.27	32.20	28.98	36.73
	Bottom 3	36.88	24.29	31.43	27.76	37.96
	Average	33.76	23.98	29.39	28.27	33.95
Requirement BS EN 14683 Clause 5.2.7 Summary of Performance Requirements		Differential Pressure, (Pa/cm ²) Type I < 40 Type II < 40 Type IIR < 60				






Photograph 1 Granzilla Aircare 3 ply disposable face mask (Black) as received



Photograph 2 Granzilla Aircare 3 ply disposable face mask (Black) Outer (Top) and Inner (Bottom)

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