



STC
Test Report

Date : 2020-09-15
No. : HC20090610

Page 1 of 3

Applicant(Code:01325685) : ACME Magnetic Tapes Limited
84 Fuk Hi Street
Yuen Long Industrial Estate
Wang Chow Yuen Long NT HK

Description of Sample(s) : One submitted sample said to be Medical Face Mask.
Country of Origin : HK

Sample Receiving Condition: In intact original package under ambient temperature

Date Sample(s) Received : 2020-08-13

Date Tested : 2020-08-20 to 2020-09-11

Investigation Requested : 1. Bacterial Filtration Efficiency (BFE) %
– *Staphylococcus aureus* (ATCC 6538)
2. Differential pressure
3. Splash resistance



LAU Yuk Kuen, Joey
Authorized Signatory
Chemical and Food Department
For and on behalf of

The Hong Kong Standards and Testing Centre Ltd.



Date : 2020-09-15
No. : HC20090610

Page 2 of 3

Method(s) Used:

1. BS EN 14683:2019 Annex B
2. BS EN 14683:2019 Annex C
3. BS EN 14683:2019 & ISO 22609:2004

Test Result(s):

1. Bacterial Filtration Efficiency (BFE) %
– *Staphylococcus aureus* (ATCC 6538)

Specimen(s)	Medical Face Mask
1	99.7%
2	99.8%
3	99.6%
4	99.5%
5	99.9%

Notes : - Control average : 2199 CFU
 - Mean particle size : 2.8µm
 - Testing side : outside of specimens
 - Testing area : 47 cm²

2. Differential pressure

Specimen(s)	Medical Face Mask
1	51.4 Pa/cm ²
2	54.3 Pa/cm ²
3	54.5 Pa/cm ²
4	52.6 Pa/cm ²
5	53.3 Pa/cm ²



STC
Test Report

Date : 2020-09-15
No. : HC20090610

Page 3 of 3

3. Splash resistance (Pressure : 120mmHg)

Specimen(s)	Medical Face Mask	Specimen(s)	Medical Face Mask
1	None Seen	17	None Seen
2	None Seen	18	None Seen
3	None Seen	19	None Seen
4	None Seen	20	None Seen
5	None Seen	21	None Seen
6	None Seen	22	None Seen
7	None Seen	23	None Seen
8	None Seen	24	None Seen
9	None Seen	25	None Seen
10	None Seen	26	None Seen
11	None Seen	27	None Seen
12	None Seen	28	None Seen
13	None Seen	29	None Seen
14	None Seen	30	None Seen
15	None Seen	31	None Seen
16	None Seen	32	None Seen

Photo(s):



******* End of Test Report *******

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Test Report

Date: 2020-11-02
No.: HC20100541

Page 1 of 2

Applicant(Code:01325695) : ACME Magnetic Tapes Limited
Yuen Long Industrial Estate
84 Fuk Hi Street
Wang Chow Yuen Long NT HK

Description of Sample(s) : One submitted sample said to be Medical Face Mask.
Country of Origin : HK

Sample(s) Received Condition(s): In paper box under
ambient temperature

Date Sample(s) Received : 2020-10-21

Date Tested : 2020-10-22 to 2020-10-29

Investigation Requested : Microbial cleanliness (Bioburden)

Method(s) Used : EN 14683:2019 + AC:2019, Annex D

LAU Yuk Kuen, Joey
Authorized Signatory
Chemical and Food Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.



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Test Report

Date : 2020-11-02
No. : HC20100541

Page 2 of 2

Test Result(s):

Sample : Medical Face Mask

Microbial cleanliness (Bioburden)

Specimen(s)	Mask Weight (g)	Total Bioburden (CFU/mask)	Total Bioburden (CFU/g)
1	3.71	63	17.0
2	3.64	60	16.5
3	3.71	81	21.8
4	3.66	60	16.4
5	3.69	75	20.3
Mean:			18

Notes : CFU denotes Colony Forming Unit
EN 14683:2019 requirement: ≤ 30 CFU/g

Photo(s):



***** End of Test Report *****