

Company Registration:
1968/008611/30 VAT
Registration: 4370115786

TEST REPORT

DATE OF REPORT : 21 August 2020
DESCRIPTION OF SAMPLES : **Surgical mask – BFE 95**
REPORT NO. : [REDACTED]
QUOTATION NO. : COM 1240
CUSTOMER ORDER NO. : Paid
CONTACT PERSON : Martin van der Merwe
CONTACT DETAILS : 012 665 9431
CUSTOMER : [REDACTED]
CUSTOMER ADDRESS : [REDACTED]
CUSTOMER CONTACT PERSON : [REDACTED]
CUSTOMER E-MAIL : [REDACTED]
DESCRIPTION OF TESTS REQUIRED : Evaluation according to SANS 1866:2008
and SANS 1866 - 1:2018
CONDITION OF SAMPLES : Good
SAMPLES RECEIVED DATE : 05 August 2020

Report No.: [REDACTED]

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DETAIL PRODUCT DESCRIPTION

Product	Surgical mask – BFE 95 (Picture 1)
Supplier	[REDACTED]

EVALUATION SUMMARY

The face masks supplied comply with standard mask of surgical face masks specifications described in SANS 1866:2008 and SANS 1866 – 1: 2018 according to the critical testing criteria.

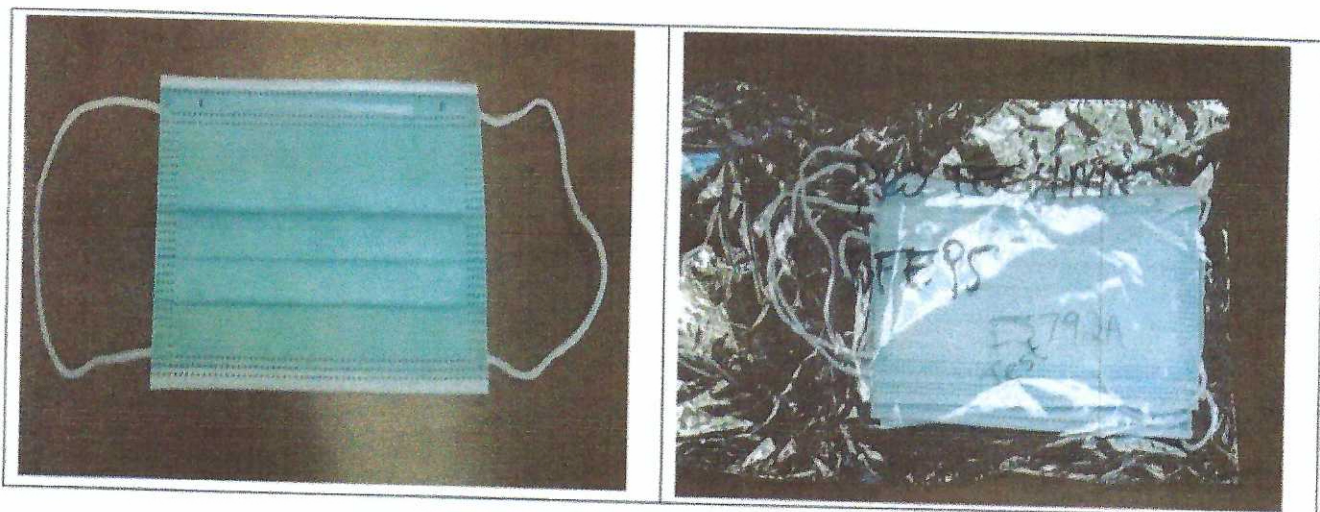
Title	Remarks
Standard mask	
Absorption rate, SANS 1866:2008	Pass
Sodium chloride Penetration, SANS 1866:2008	Pass
Differential pressure, SANS 1866 -1:2018	Pass
Flammability, SANS 1866 - 1:2018	Pass

TEST CONDITION SUMMARY

Samples were tested according to SANS 1866:2008 and SANS 1866 – 1: 2018

Par	Item	Test par	Evaluation
SANS 1866:2008 § 4.1	Penetration and differential pressure	5.1	Secure sample on a disc with a diameter of 76 mm. Measure sodium chloride penetration and differential pressure at 30 l /min.
SANS 1866 – 1: 2018 § 5.2.5	Flammability	SANS 50149: 2003 – 8.6	All parts of the respirator should self-extinguish within 5 seconds after it passed through the flame.

PRODUCT PICTURES

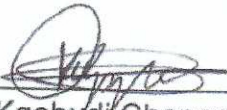


Picture 1: Surgical mask – BFE 95

TEST RESULTS

Title	Specification	Results	Remarks
Standard mask			
Absorption rate	> 60 sec	> 60 sec	Pass
Sodium chloride Penetration (%)	26%, maximum specification	4.7 %	Pass
Differential pressure	< 4 mm H ₂ O/cm ² maximum specification	< 4 mm H ₂ O/cm ²	Pass
Flammability	Self-extinguish in < 5s	Self-extinguished in < 5s	Pass

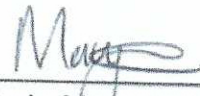
WORK PERFORMED BY:


Kgobudi Chepape
(Junior Scientist)

21/08/2020

Date

WORK APPROVED BY:


Nkele Mangwane
(Scientist)

21/08/2020

Date

This report relates to the specific sample(s) tested as identified herein, it does not imply Protechnik approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested.

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