



## RS Components Limited

**Birchington Road Corby  
NN17 9RS NORTHAMPTONSHIRE United Kingdom**

**Your notice of**  
22-07-2020

**Your reference**  
Face Mask 3 Ply, 201-2393 (P365)

**Date**  
05-08-2020

### Analysis Report 20.04598.01

Required tests :

**ISO 9237 (1995)**

**EN ISO 16890-2 (2016)**

**Centexbel**

**Determination of air permeability**

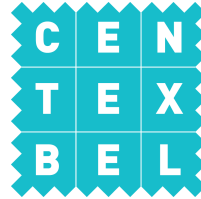
**Filter efficiency**

**Testing Community mask -§8.2 and §8.3**

Identification number	Information given by the client	Date of receipt
T2016096	Non-woven Face Masks 3 Ply - MPN: A-31B-3-NED	22-07-2020
T2016121	Bleu non woven	22-07-2020
T2016122	White non woven 1	22-07-2020
T2016123	White non woven 2	22-07-2020

**Lies Alboort**  
Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.  
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.



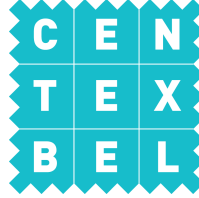
**Reference:** M2016147  
T2016121 - Bleu non woven  
T2016123 - White non woven 2  
T2016122 - White non woven 1

**Determination of air permeability**

Date of ending the test 28-07-2020  
Standard used ISO 9237 (1995)  
Product standard NBN DTD S 65-001 (2020)

Deviation from the standard -  
Conditioning 20°C, relative humidity 65%  
Apparatus Textest FX 3300  
Gauge surface 20 cm<sup>2</sup>  
Tested side Outer side  
Underpressure used 1 mbar (100 Pa)  
Number of measurements 10

	Air permeability
	l/(m <sup>2</sup> .s)
#1	233
#2	286
#3	260
#4	208
#5	206
#6	181
#7	171
#8	189
#9	198
#10	209
Average	214 l/(m <sup>2</sup> .s)



**Reference:** M2016147  
T2016121 - **Bleu non woven**  
T2016123 - **White non woven 2**  
T2016122 - **White non woven 1**

### **Filter efficiency**

Date of ending the test 05-08-2020  
Standard used EN ISO 16890-2 (2016)  
Product standard NBN DTD S 65-001 (2020)

Execution at external facilities – witnessed by Centexbel-personnel

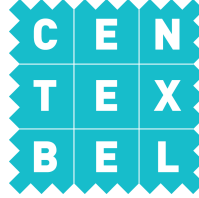
The results of this test relate only to the samples in the external facilities conditions.  
The performance results cannot by themselves be quantitatively applied to predict filtration in all “real life” environments.

### **Test conditions**

Test aerosol	KCl
Air flow rate (m <sup>3</sup> /s)	1.000
Temperature (°C)	22
Barometer Pressure (hPa)	995.2
Relative humidity (%RV)	39

### **Result**

Average Efficiency in % at 3 μ **96**



**Reference: T2016096 - Non-woven Face Masks 3 Ply - MPN: A-31B-3-NED**

**Testing Community mask -§8.2 and §8.3**

Date of ending the test 04-08-2020  
 Standard used Centexbel  
 Product standard NBN DTD S 65-001 (2020)

§8.2 Visual inspection of new face mask  
 Check of general confection, length of elastics/straps, soiling, etc.

§8.3 Resistance head securing  
 Verification of the tensile strength of the head securing is done by putting on the mask 5 times and taking it off.  
 This is done by 3 persons with different morphologies.

<b>Result</b>	
§8.2 Visual inspection	pass
§8.3 Resistance head securing	pass



## Sample history

### **M2016147**

Sample composed of  
T2016121 (Bleu non  
woven )

T2016123 (White  
non woven 2)

T2016122 (White  
non woven 1)