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## **AN ENVIRONMENTAL CONCERN FOR A GREENER FUTURE**

The negative impacts that human beings provoke on nature are becoming more and more evident. Now more than ever, in this period of the new coronavirus pandemic, it is important to create sustainable practices.

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# MASK

## SOCIAL USE REUSABLE 10 WASHES

### LEVEL 3

Textile masks for use by individuals in the context of their professional activity or in authorized exits during periods of confinement, particularly in indoor spaces with multiple persons.

#### Important note!

Textile masks of level 2 and level 3 are not to be used as medical or personal protective equipment.

Name of manufacturer: VIEIRA POCARGIL SA

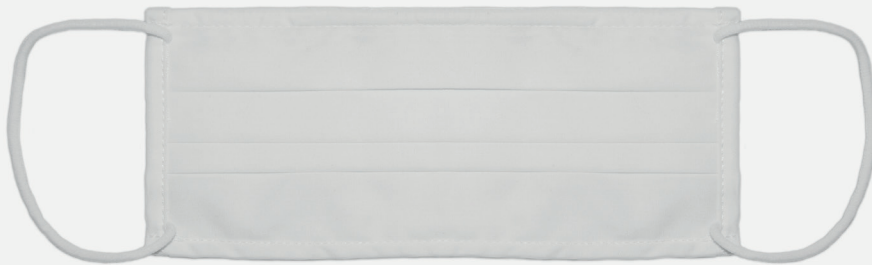
Address: Zona Industrial de S.Martinho do Campo, 4830-102 Povia Lanhoso

Commercial brand or code/Ref.ª: VPMOT10 #SAFE&CARE

Lot n.º. | Month | Year of manufacture: LOT1 /MAY 2020

Composition of raw-materials: 50% CO 50% PP

Size identification (child/adult): Adult



FRONT



VERSE

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#### BREATHABILITY BEFORE CONDITIONING

NORM: EN 14683:2019

#### CONDITIONS:

- Temperature: 21,1°C
- Humidity: 61%RH
- Airflow: 8L/min
- Number of samples: 6

FINAL RESULT (Pa/cm<sup>2</sup>): 26,2



#### FILTERING CAPACITY BEFORE CONDITIONING

#### CONDITIONS:

- Temperature: 23,4°C
- Humidity: 60%RH
- Airflow: 1L/min
- Number of samples: 6

- Aerosol Test 1: 0,508 µm - Efficiency 19%
- Aerosol Test 3: 3,007 µm - Efficiency 87%
- Aerosol concentration: 2 mg/m<sup>3</sup>
- Uncertainty of measurement: 9%
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- Uncertainty of measurement: 9%

### CONDITIONING

NORM: IEC 60068-2-78:2012

#### CONDITIONS:

- Temperature: 21°C
- Humidity: 85%RH
- Duration: 4 hours

### BREATHABILITY AFTER CONDITIONING

NORM: EN 14683:2019

#### CONDITIONS:

- Temperature: 23,6°C
- Humidity: 56,5%RH
- Airflow: 8L/min

FINAL RESULT (Pa/cm<sup>2</sup>): 31,5

### FILTERING CAPACITY AFTER CONDITIONING

#### CONDITIONS:

- Temperature: 21,2°C
- Humidity: 59%RH
- Airflow: 1L/min
- Number of samples: 6
  
- Aerosol Test 1: 0,508 µm - Efficiency 20%
- Aerosol Test 3: 3,007 µm - Efficiency 82%
- Aerosol concentration: 2 mg/m<sup>3</sup>
- Uncertainty of measurement: 9%

### RESPIRABILITY AFTER 4H USAGE SIMULATION

NORM: EN 14683:2019

#### CONDITIONS:

- Temperature: 22,1°C
- Humidity: 58,5%RH
- Airflow: 8L/min

FINAL RESULT (Pa/cm<sup>2</sup>): 30,6

### RESPIRABILITY AFTER 4H USAGE SIMULATION

NORM: EN 14683:2019

#### CONDITIONS:

- Temperature: 21,1°C
- Humidity: 58,5%RH
- Airflow: 8L/min

FINAL RESULT (Pa/cm<sup>2</sup>): 22,2



## HOUSEHOLD WASHING

### CONDITIONS:

- Washing machine: TYPE 1
- Temperature: 60°C
- Drying method: Suspension
- Detergent: Regular
- Number of cycles: 10

## EATHABILITY AFTER 10 WASHES

### CONDITIONS:

- Temperature: 23,8°C
- Humidity: 61%RH
- Airflow: 8L/min

FINAL RESULT (Pa/cm<sup>2</sup>): 40,0

## FILTRATION CAPACITY AFTER 10 WASHES

### CONDITIONS:

- Temperature: 23,1°C
  - Humidity: 60%RH
  - Airflow: 1L/min
  - Number of samples: 6
- 
- Aerosol Test 1: 0,508 µm - Efficiency 10%
  - Aerosol Test 3: 3,007 µm - Efficiency 84%
  - Aerosol concentration: 2 mg/m<sup>3</sup>
  - Uncertainty of measurement: 9%



## CONSERVATION AND CLEANING

Maximum number of wash cycles in which mask protection performance is guaranteed: 10

Masks should be washed using a normal, complete wash cycle at 60°C with detergent after each use.

The user will need to ensure that the mask is properly dried before use.

## USER INSTRUCTIONS

This mask should be used as a complement to the recommended protection and hygiene measures and the rules of social distancing, which are fundamental for the control of COVID-19.

For more information, see <https://covid19.min-saude.pt>

The reusable mask should be used correctly.

The following are recommended instructions for the correct use of the mask, in accordance with the DGS Guideline no. 019/2020 of 03/04/2020:

- a) Hygienise your hands with soap and water or an alcohol-based solution before putting the mask on;
- b) Place the mask with the inner face facing the face, and the outer face facing out;
- c) Fit the rigid end of the mask to your nose, and cover your mouth, nose and chin with the mask, making sure there are no gaps between the face and mask;
- d) Do not touch the mask while it is in use; if this happens, the hands must be automatically washed;
- e) It is recommended to use the mask for a maximum of 4 to 6 hours per day and to wash it before wearing it again.



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[WWW.SAFEANDCARE.PT](http://WWW.SAFEANDCARE.PT)

[geral@safeandcare.pt](mailto:geral@safeandcare.pt)

Rua do Parque Industrial n°366

4830-103 Campos PVL

PORTUGAL

T: (351) 253 639 280

FAX: (351) 253 632 600