



**PREMIER WORLD CHEMICALS, LLC**



**Civilian Washable Mask**

**OEKO-TEX®**  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
Tested for harmful substances.





# Virus Transmission Routes



PREMIER WORLD CHEMICALS, LLC



Sneeze

5 to 15 microns



Droplets

$\leq 5$  microns



Direct contact



Indirect contact

## How wearing a mask contributes to avoiding the spread



Virus carrier



Healthy person

Contagion Probability

**VERY HIGH**



Virus carrier



Healthy person

Contagion Probability

**HIGH**



Virus carrier



Healthy person

Contagion Probability

**MEDIUM**



Virus carrier



Healthy person

Contagion Probability

**LOW**



# The Best Civilian Washable Mask!



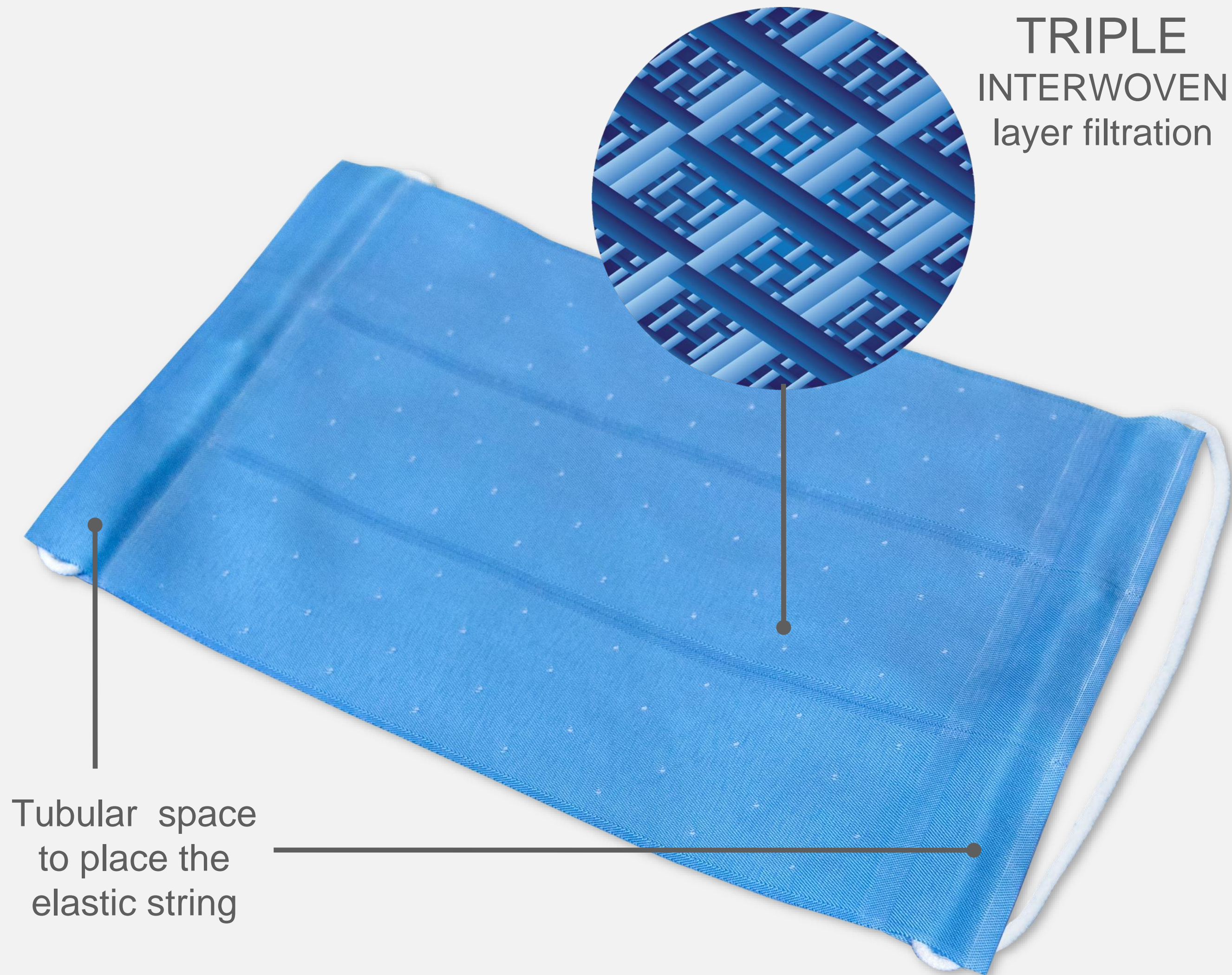
PREMIER WORLD CHEMICALS, LLC

The Civilian Washable Mask is made with 100% polyester fabric with **TRIPLE interwoven layers** as one piece. This washable mask is breathable with a high level of filtration due to the effectiveness of its compact weaving that allows the filtering of small particles in the air. The polyester fiber of the fabric is Standard 100 by OEKO-TEX® Class 1 compliant.

Thanks to the effectiveness of its high-level filtration, the Civilian Washable Mask helps avoid allergen and dust particles from being breathed in, which could result in diseases of the respiratory tract. Its lightweight design allows it to be worn with comfort.

## Sizes

	Dimensions	Weight
<b>S</b>	100 x 200 mm (3.9" x 7.9")	4.6 g (0.16 oz.)
<b>M</b>	135 x 200 mm (5.3" x 7.9")	5.2 g (0.18 oz.)
<b>L</b>	150 x 200 mm (5.9" x 7.9")	6.2 g (0.22 oz.)







## FEATURES



TRIPLE layer  
filtration



Antimicrobial  
properties  
(AATCC 100)



High level of  
Filtration  
(ASTM-F2101-9)



Withstand +20  
home laundry cycles  
(AATCC 61)



Great  
breathability  
(MIL-M-36954C)



Anti-fluid  
resistant



Hypoallergenic



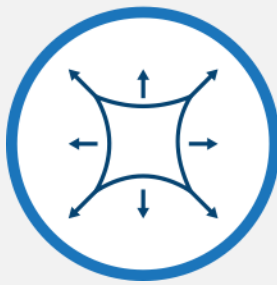
Alcohol  
resistant



Resistant to  
washing with 5%  
diluted chlorine



Can be washed  
in hot water  
(140°-194°F)



High resistance  
to tension in  
any direction



Replaceable  
elastic strips



Soft to the touch  
& Lightweight



PATENT  
PENDING



Tested for harmful  
substances

## BENEFITS



CIVILIAN  
WASHABLE  
MASK

VS



DISPOSABLE  
MASK

LIFESPAN: 20 WASHES

LIFESPAN

SHOULD BE DISCARDED AFTER 1 USE

ANTIBACTERIAL RESISTANCE  
WITHSTAND UP TO 20 WASHES

ANTI-BACTERIAL  
PROPERTIES

LOW ANTI-BACTERIAL RESISTANCE

ANTI-FLUID RESISTANCE  
WITHSTAND UP TO 20 WASHES

ANTI-FLUID  
CAPACITIES

RESISTANCE TO FLUIDS

CAN BE REUSED,  
WASHED & DISINFECTED

USAGE

SHOULDN'T BE REUSED,  
WASHED OR DISINFECTED

HIGH RESISTANCE TO TENSION  
IN ANY DIRECTION

RESISTANCE

LOW RESISTANCE TO TENSION

CAN BE PERSONALIZED BY WEAVING  
COMPANY LOGO / WATERMARK ONTO THE MASK

CUSTOM

CANNOT BE PERSONALIZED

LOW ENVIRONMENTAL IMPACT

ECO-FRIENDLINESS

HIGHER ENVIRONMENTAL IMPACT

MADE UP OF 100% POLYESTER FABRIC

CONTENT

MADE UP OF NON-WOVEN MATERIAL

**Disclaimer:** This product is not intended to prevent, cure, or treat, any disease or health condition, nor should it be considered a substitute for a surgical face mask. In association with this product, The company and its affiliates, make no warranties of any kind, either express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, of title, or of non-infringement of third-party rights.





## Type A. Earloop

Practical design that facilitates its placement and removal.



Place loop over one ear.



Place second loop over the other ear.



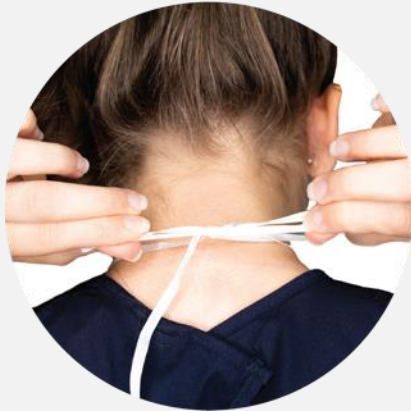
Make sure the mask covers completely from nose to chin.

## Type B. Headbands

The user can tie the strips at their own convenience.



Place mask upside down over the chest in order to start the placement process.



Tie the bottom strips around the upper neck, below the ears.



Tie the top strips around the head, above the ears.



Make sure the mask covers completely from nose to chin.





The Civilian Washable Mask is available in two different styles: Woven or Sublimated. Both styles are fully customizable or can also be done with a generic design.

## Woven Mask

The woven mask uses different weave effects in its construction to reach a tone-on-tone design with just one color, this could be used to include your brand's logo or design of your choice as a watermark.



## Sublimated Mask

The best choice for multi-color designs! The sublimated mask can be personalized with tribal designs, special backgrounds, gradients, or your brand's logo in full-color.







## Consumption Per Employee

Disposable Face Mask			
MONTHLY	Average Unit Cost	Average 21 working days	Cost per employee
	\$0.35	30 units per month aprox.	\$10.50
YEARLY	Per employee	1K employees	
	\$0.35	\$126,000	

Civilian Washable Mask			
MONTHLY	Average Unit Cost	Average 21 working days	Cost per employee
	\$0.60	2 units per month	\$1.20
YEARLY	Per employee	1K employees	
	\$14.40	\$14,400	

On a yearly basis, with 1K employees using 1 disposable mask daily versus 2 civilian washable masks per month, you would save at least:

**\$111,600**



## Monthly Synthetic Waste

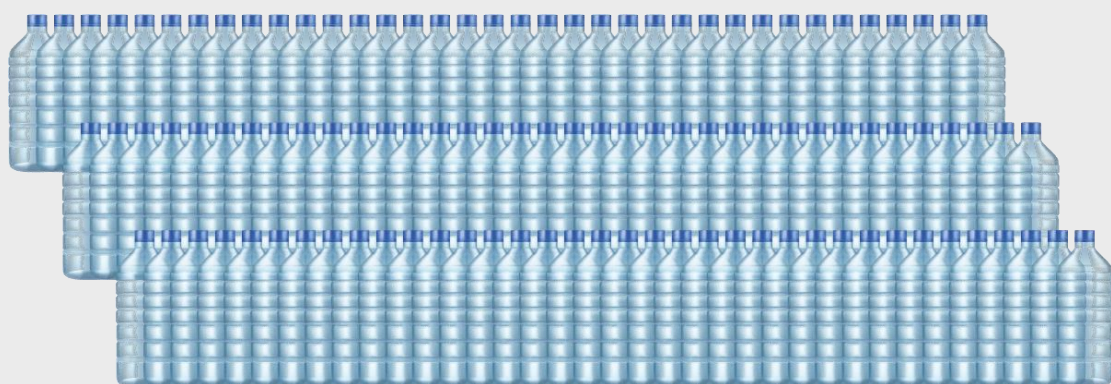
### Disposable Face Mask

1 million people use **30 million**  
**disposable masks per month**  
(Equivalent to 87,900 kg of plastic waste).



**100,000**  
empty PET Bottles  
(5 gallons capacity)

\_\_\_\_\_ or \_\_\_\_\_



**3,800,000**  
empty PET Bottles  
(16.9 oz capacity)

### Civilian Washable Mask

1 million people use **2 million**  
**Civilian Washable Masks per month**  
(Equivalent to 12,800 kg of plastic waste).



**12,800**  
empty PET Bottles  
(5 gallons capacity)

\_\_\_\_\_ or \_\_\_\_\_



**486,400**  
empty PET Bottles  
(16.9 oz capacity)





TEST	NORM	LAB	RESULT
Bacterial Filtration Efficiency (BFE)	ASTM-F2101-9	Nelson Labs	60% up to 3 microns
Antimicrobial Textile Tested	AATCC100	Private LAB	Pass
Differential Pressure Air Permeability (Breathability)	MIL - M - 36954C / EN 14683	Nelson Labs	4.38 mm H <sub>2</sub> O/cm <sup>2</sup>
Test Method for Color Fastness to Laundering	AATCC61 / NTC 1155-3	Bureau Veritas	Pass
Tested for harmful substances	STANDARD 100 Class 1	OEKO-TEX®	Complies



THANK YOU FOR YOUR ATTENTION



[www.premierworldchemicals.com](http://www.premierworldchemicals.com)