

# REUSABLE MASKS

## CGM95 FACE MASK

CGM95 REUSABLE FACE MASK  
A CIVIL GRADE MASK OFFERING MEDICAL GRADE PROTECTION

BROUGHT TO YOU BY

PPESI+

PRODUCTS THAT PROTECT PEOPLE

Bacterial Filtration Efficiency 98.2%  
Water and Fluid Resistant  
Anti Viral performance up to 25 washes



Sitra Certified - ISO/IEC 17025  
ASTM F 2101  
EN 14683



# CGM Consumer Grade Washable-Reusable 3 Layer Mask with SMMS Filter

Meeting New WHO Mask Guidelines

June 6th 2020

## About:

We at PPESI believe providing the highest grade products possible whether it is for frontline workers in Government hospitals requiring the highest level protection possible or for the mum just going to the grocery store for the family shopping. Complying with health and safety measures to ensure our own health and safety and that of others can be both stylish, colourful and environmentally responsible. (Let your personality show in your mask)

## Layers:

### Surface layer :

Cotton knits and Linen Prints

### 2nd layer :

SMMS Filter for 98.2% protection from pollutants and bacteria

### 3rd layer :

Skin - friendly breathable Cotton fabric

- **WHO Point 1:**  
<https://edition.cnn.com/2020/06/05/health/face-mask-coronavirus-who-recommendations-bn/index.html>
- **WHO Point 2:**  
<https://www.businessinsider.com/who-fabric-masks-need-3-layers-to-curb-coronavirus-spread-2020-6>
- **WHO Point 3:**  
<https://abc7chicago.com/who-mask-guidance-masks-coronavirus-world-health-organization/6233195/>





# Choose Your Design



Fauna



Initials



Name



Dragonfly



Humming Bird



Braided Leather



Metal Stud



Vibrant



Mughal



Embroidered



Vintage



Fauna



Stud



Mughal



Crystal Bug



Embroidered



Vintage



Stud

# Choose Your Color



Olive



Navy



Denim



Ocean



Black



Charcoal



Ash



Peacock



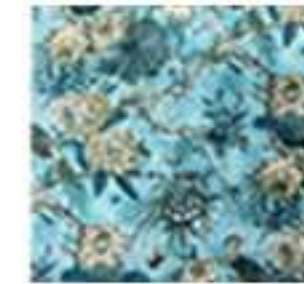
Vibrant



Mughal



Vintage



Fauna



Abstract



Embroidered



**Brand Your  
Company**

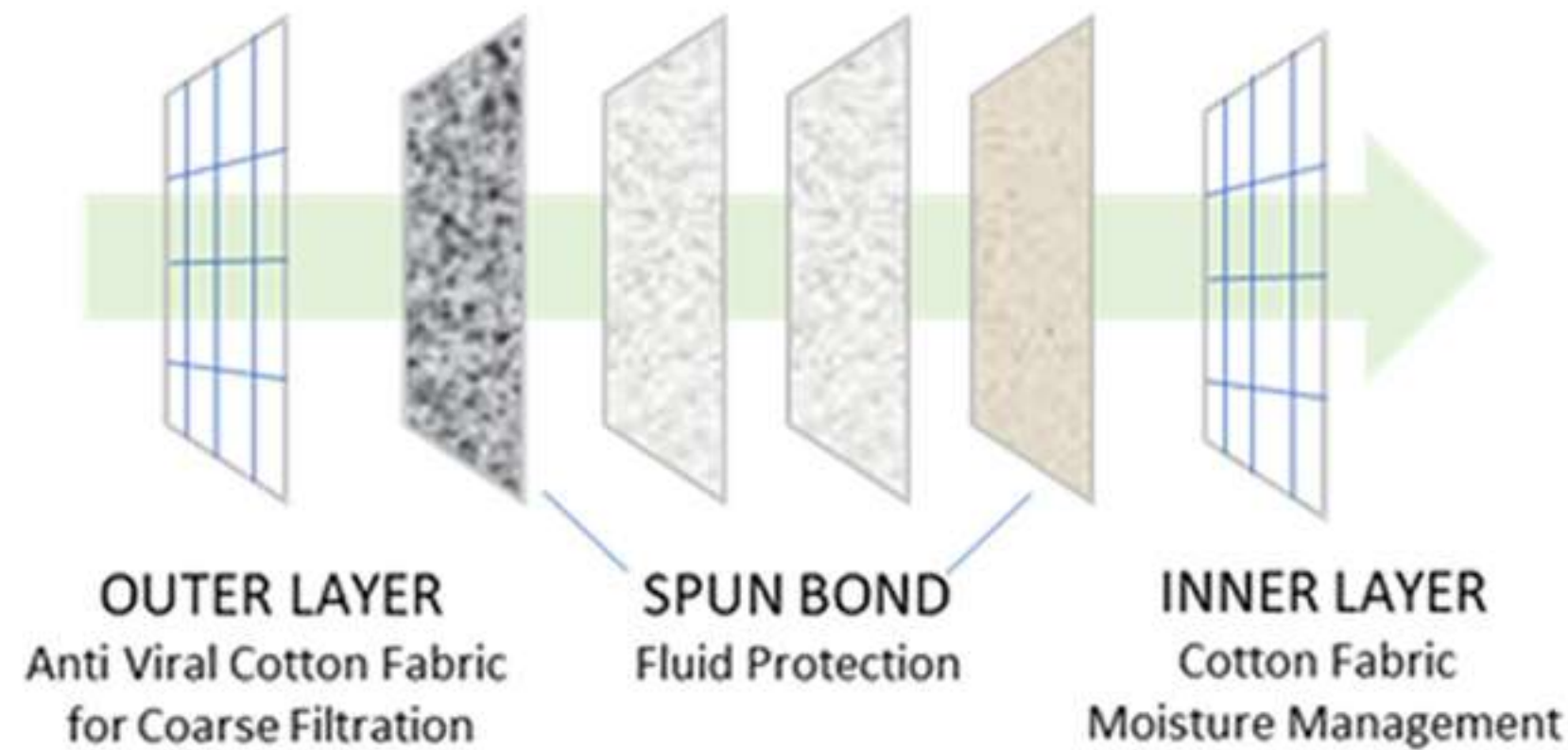


**Brand Your  
Logo**



# Brand Your Company

Middle Filter Four Layer Protection of SMMS Fabric with Front and Back Fabric Support



Mask Type	Protection	Properties	Properties
<b>Washable, Re-Usable Consumer Grade Mask</b>	Layer 1: 130-140 gsm jersey  Layer 2: SMMS (non-woven 60 gsm filter)  Layer 3: 130-140 gsm jersey	Sitra Certified (ISO/IEC 17025 NABL ACCREDITED)  Excellent air permeability for breathing due to differential pressure 27.0 Pa/cm <sup>2</sup>  Bacterial filtration efficiency 98.2%, ASTM F 2101, EN 14683  Washable and anti viral performance up to 25 washes  Absolute filtration size is 3 micron. No particle above 3 micron can pass thru the SMMS filter  Water and fluid resistance	Single polybag pack  100 pcs in one polybag  Carton size 60x40x20 cm : 600 pcs single PC pack  Carton size 60x40x30 cm : 1000 pcs single PC pack



# 3rd Party Tested for Breathability



U.S.A.: ASTM F2100-19 STANDARD SPECIFICATION FOR PERFORMANCE OF MATERIALS USED IN MEDICAL FACE MASKS  
EUROPE: EN 14683:2019 MEDICAL FACE MASKS – REQUIREMENTS AND TEST METHODS

		ASTM F2100-19			EN 14683:2019 Barrier Levels		
		Level 1	Level 2	Level 3	Type I	Type II	Type IIR
Barrier Testing	BFE % ASTM F2101, EN 14683	≥95	≥98		≥95	≥98	
	PFE % ASTM F2299	≥95	≥98		Not required		
	Synthetic Blood ASTM F1862, ISO22609	Pass at 80 mmHg	Pass at 120 mmHg	Pass at 160 mmHg	Not required		Pass at ≥16.0 kPa (±120mmHg)
Physical Testing	Differential Pressure EN 14683	<5.0 mmH <sub>2</sub> O/cm <sup>2</sup>	<6.0 mmH <sub>2</sub> O/cm <sup>2</sup>		<40 Pa/cm <sup>2</sup>		<60 Pa/cm <sup>2</sup>
Safety Testing	Flammability 16 CFR Part 1610	Class 1 (≥ 3.5 seconds)			See European Medical Directive (2007/47/EC, MDD 93/42/EEC)		
	Microbial Cleanliness ISO 11737-1	Not required			≤30 cfu/g		
	Biocompatibility ISO 10993	510 K Guidance recommends testing to ISO 10993			Complete an evaluation according to ISO 10993		
Sampling ANSI/ASQC Z1.4 ISO 2859-1		<ul style="list-style-type: none"> <li>AQL 4% for BFE, PFE, Delta P</li> <li>32 masks for Synthetic Blood (Pass = ≥29 passing, Fail = ≤28 passing)</li> <li>14 masks for Flammability</li> </ul>			<ul style="list-style-type: none"> <li>Minimum of 5 masks up to an AQL of 4% for BFE, Delta P and Microbial Cleanliness</li> <li>32 masks for Synthetic Blood (Pass = ≥29 passing, Fail = ≤28 passing)</li> </ul>		

 **Nelson Labs.**  
A Sotera Health company

801-290-7500 | [nelsonlabs.com](http://nelsonlabs.com)



# Industry Tested for Bacterial Filtration Efficiency



**THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION**

**CENTRE OF EXCELLENCE FOR MEDICAL TEXTILES**

**Physical, Chemical & Biological Testing Laboratories**

(ISO/IEC 17025 NABL ACCREDITED)

13/37, Avinashi Road, Aerodrome Post, Coimbatore - 641 014, INDIA



Cert. Number:TC-6944



Test Report No : M2001305	ULR: TC69442070000887F	Report Date : 05-06-2020
Mectech Knit Fabs P Ltd		Ref : letter dated 30.05.2020

**Test Name :** ASTM F 2101 - Bacterial filtration Efficiency

**Test Condition:**

Test Organisms Used	: <i>Staphylococcus aureus</i> ATCC 6538
Inoculum size	: $5 \times 10^5$ CFU/mL
Media used	: Tryptic soya agar
Dilution medium used	: Peptone water
Incubation conditions	: 37°C for 24 h

**Observation :**

Test parameter	M2001305-1 Described by the customer : <b>Face Mask; FABRIC MASK WITH SMMS - 60 GSM FILTER</b>
Area of test specimen	Face mask 10 x 10 cm
Sample exposure side	Face side
Flow rate of aerosol	28.5 L / min
Mean particle size of challenging aerosol	3.0 ± 0.3 micron
Average plate count of positive control	2758
Average plate count of negative control	0
BFE of test specimen (%)	98.2%
<b>Result :</b> : The sample showed 98.2% bacterial filtration efficiency against <i>Staphylococcus aureus</i> ATCC 6538 when tested according to ASTM F 2101 test method.	

We have had the mask independently tested at a level above any civil grade mask requirement and the results indicate that the CGM95 mask is definitely delivering medical grade protection from a civil grade mask.

*Authorized Signatory*





# PPESEI+

**ORDER NOW**



## CONTACT :

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PPE Solutions International

### Disclaimer:

It's important to note that wearing a face covering does not provide protection against coronavirus (COVID-19) but may help reduce the risk of transmission to others in some circumstances if you are carrying or showing symptoms of coronavirus (COVID-19). Face coverings should not be used as a replacement for social distancing or self-isolation. Regular handwashing, covering your nose and mouth with a tissue when you cough or sneeze, and not touching your face with unwashed hands still remain the most important actions.