



THE MASK LAB™

A **CONTROL
PRINT** Company



At The Mask Lab, we believe that high-quality protection should go hand-in-hand with a comfortable wearing experience. As part of Control Print, we have over 29 years of cutting-edge technology and manufacturing expertise, access to internationally-sourced materials, and the highest adherence to safety standards.

Our expert-created masks are tested and approved for superior filtration, and provide the lowest breathing resistance for their class- ensuring that you can step out feeling secure in the safest, most breathable mask.

The Mask Lab gives you a superior product backed by the best expertise and technology

Safe

We adhere to exceptional safety standards for our production and testing processes. Our automated packaging process ensures minimal contact, and once produced, the masks are untouched until they reach our customers. Our masks have also been tested as per the highest international standards and we share all our results, so you can be assured of our product safety

Reliable

As part of Control Print, we have access to cutting-edge technology and systems. Our raw materials are sourced from internationally certified suppliers, and are re-tested at our in-house lab using state-of-the-art German equipment before being used to make our masks. Our stringent quality control process ensures that you receive only the best products

Comfortable

Our masks have passed the highest standards for breathability, which means that you are guaranteed a comfortable wearing experience. Our range of variants includes masks with the lowest breathing resistance in class and increased dust collection capacity, along with options for earloops or headbands, all ensuring your optimal comfort for a longer time

Certifications



Disposable Medical-Grade Surgical Mask



- Colour options available
- Custom logo print available

Mask Specifications:

CHARACTERISTICS	SPECIFICATION		
Colour	Mask	Medical Blue or White	
	Elastic Band	White	
Dimensions	Body Size	Length	175 mm
		Width	95 mm
	Nose Wire	Length	90 mm
	Ear loop	Left Length	170 mm
		Right Length	170 mm

Mask Test Results:

SPECIFICATIONS	ASTM F2100-11	EN14683	TML STANDARDIZED PERFORMANCE LEVEL
PFE (Particle Filtration Efficiency) as per ASTM F2299 Latex Spheres Challenge at 0.1 microns at 28.3l/min flow rate	Level 1 > 95% Level 2 > 98% Level 3 > 98%	Type 1, 2, 2R -- No Requirement	>99%
Breathing Resistance as per MIL-M-39563C/EN14683 at 8l/min flow rate	Level 1 < 5mm H ₂ O/cm ² Level 2 < 6mm H ₂ O/cm ² Level 3 < 6mm H ₂ O/cm ²	Type 1 < 40 Pascals/cm ² Type 2 < 40 Pascals/cm ² Type 2R < 60 Pascals/cm ²	< 2 mm H ₂ O/cm ² < 18 Pascals/cm ²
Fluid Resistance - Synthetic Blood in mmHg as per Standard ISO22609/ASTM1862	Level 1 > 80mmHg Level 2 > 120mmHg Level 3 > 160mmHg	Type 1 -- No requirement Type 2 -- No requirement Type 2R > 120mmHg (>16.0 kPa)	>160mmHg
BFE (Bacterial Filtration Efficiency) as per ASTM F2101/EN14683 at 3 microns at 28.3l/min flow rate	Level 1 > 95% Level 2 > 98% Level 3 > 98%	Type 1 > 95% Type 2 > 98% Type 2R > 98%	>99%
Flammability as per 16CFR Part 1610	Class 1 (> 3.5 seconds)	No Requirement	Pass
Microbial Cleanliness as per ISO 11737-1	No requirement	<30cfu/g	Pass

Disposable N95*/ FFP2/ IS 9473 Cone Mask



- Valve available
- Headstraps available
- Colour options available
- Custom logo print available

Mask Specifications:

CHARACTERISTICS	SPECIFICATION		
Colour	Mask	White or Grey	
	Elastic Band	White	
Dimensions	Body Size	Length	105 mm
		Width	160 mm
	Nose Wire	Length	90 mm
	Ear loop	Left Length	210 mm
		Right Length	210 mm

Mask Test Results:

SPECIFICATIONS	EN149 FFP2 STANDARD	NIOSH N95	CLASSIC	ULTRA BREATHE
			TML STANDARDIZED PERFORMANCE LEVEL	TML STANDARDIZED PERFORMANCE LEVEL
Fluid Resistance		>120mmHg for Surgical N95	>160mmHg as per ISO22609	>160mmHg as per ISO22609
PFE (Particle Filtration Efficiency) at 95l/min flow rate NaCl or Paraffin Oil	>94%		>97%	>99%
Breathing Resistance at 95l/min flow rate	<240 Pascals		<65 Pascals	<50 Pascals
Inward Air Leakage	<8%		<3%	<3%
PFE (Particle Filtration Efficiency) at 85l/min flow rate NaCl		>95%	>98%	>99%
Breathing Resistance at 85l/min flow rate		<343 Pascals	<60 Pascals	<50 Pascals
Exhalation Resistance at 160l/min flow rate	<300 Pascals		<90 Pascals	<70 Pascals
Exhalation Resistance at 85l/min flow rate		<245 Pascals	<60 Pascals	<50 Pascals
CO2 Clearance Requirement	<1%		<1%	<1%
PFE (Particle Filtration Efficiency) at 30l/min flow rate NaCl			>99.5%	>99.5%
Breathability at 30l/min flow rate	<70 Pascals		<25 Pascals	<18 Pascals

Disposable N95*/ FFP2/ IS 9473 Japanese Willow Mask



- Valve available
- Headstraps available
- Colour options available
- Custom logo print available

Mask Specifications:

CHARACTERISTICS	SPECIFICATION		
Colour	Mask	White or Grey	
	Elastic Band	White	
Dimensions	Body Size	Length	206 mm
		Width	82 mm
	Nose Wire	Length	90 mm
	Ear loop	Left Length	175 mm
		Right Length	175 mm

Mask Test Results:

SPECIFICATIONS	EN149 FFP2 STANDARD	NIOSH N95	CLASSIC	ULTRA BREATHE
			TML STANDARDIZED PERFORMANCE LEVEL	TML STANDARDIZED PERFORMANCE LEVEL
Fluid Resistance		>120mmHg for Surgical N95	>160mmHg as per ISO22609	>160mmHg as per ISO22609
PFE (Particle Filtration Efficiency) at 95l/min flow rate NaCl or Paraffin Oil	>94%		>97%	>99%
Breathing Resistance at 95l/min flow rate	<240 Pascals		<60 Pascals	<45 Pascals
Inward Air Leakage	<8%		<1%	<1%
PFE (Particle Filtration Efficiency) at 85l/min flow rate NaCl		>95%	>98%	>99%
Breathing Resistance at 85l/min flow rate		<343 Pascals	<60 Pascals	<45 Pascals
Exhalation Resistance at 160l/min flow	<300 Pascals		<90 Pascals	<70 Pascals
Exhalation Resistance at 85l/min flow		<245 Pascals	<60 Pascals	<45 Pascals
CO2 Clearance Requirement	<1%		<1%	<1%
PFE (Particle Filtration Efficiency) at 30l/min flow rate NaCl			>99.5%	>99.5%
Breathability at 30l/min flow rate	<70 Pascals		<25 Pascals	<18 Pascals