

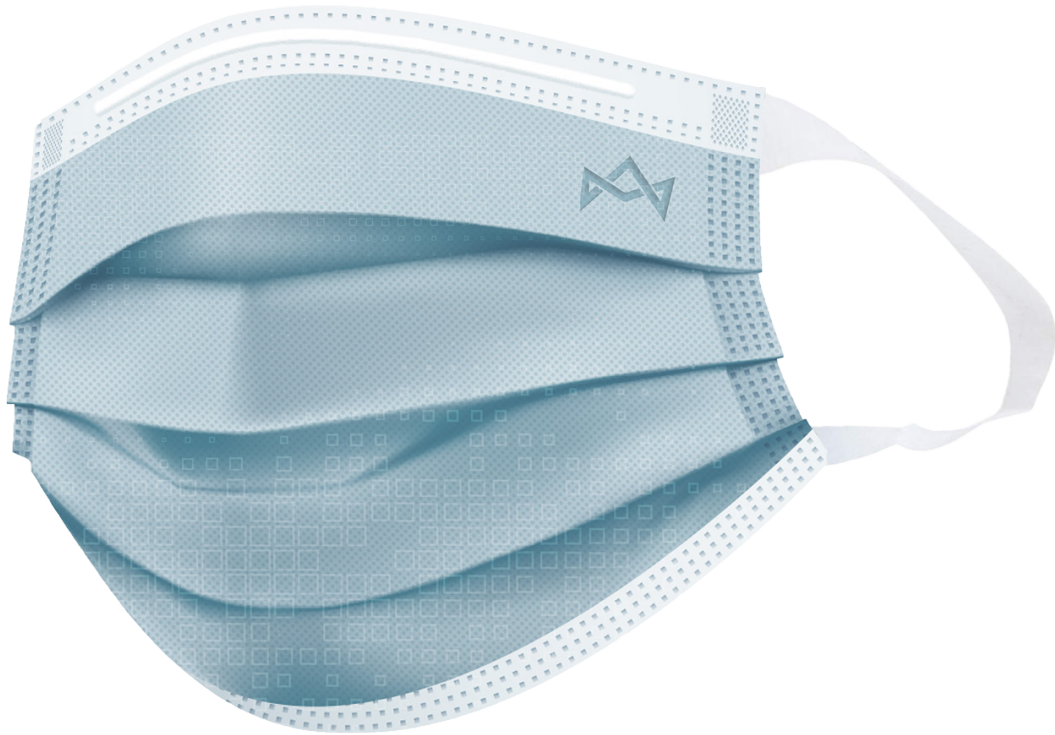


CROWN MUTUAL MEDICAL GROUP
CERTIFIED PPE MADE IN CANADA

PERSONAL PROTECTION

FOR PROFESSIONALS

ASTM CERTIFIED PPE
SURGICAL FACE MASKS LEVEL 1 - 3
FACE SHIELDS AND SANITIZER



MADE IN CANADA | MADE FOR EVERYONE





CROWN MUTUAL MEDICAL GROUP

CERTIFIED PPE MADE IN CANADA

Crown Mutual Medical Group is a Canadian manufacture of ASTM F2100 Surgical Face Masks for adults and children.

Contents Includes:

SURGICAL MASKS

- ASTM Level 1
- ASTM Level 2
- ASTM Level 3
- ASTM Paediatric

RESPERATORS

- ASTM N-95

FACE SHIELDS

- Adult Size Face Shields
- Paeditric Face Shields

FACE MASKS OVERVIEW

- Face mask 3-ply layers explained
- Breaking Down Raw Material
- ASTM International Standards



CROWN MUTUAL MEDICAL GROUP

1200 WEST 73RD AVE. VANCOUVER, B.C. V6P 6G5

Mobile: (604) 760-0151 | Office: (604) 267-3027 | Fax: (604) 267-3025

ray@crownmual.com | crownmutualgroup.com



CROWN MUTUAL MEDICAL GROUP CERTIFIED PPE MADE IN CANADA

ASTM SURGICAL FACE MASKS LEVELS 1-3

Not All Face Masks are Created Equal - Please Choose Below



3 - LAYERS OF PROTECTION

- 1) Inner layer (non-woven); skin friendly, tasteless & non-irritating.
- 2) Middle layer (high grade melt-blown); absorption & filtration of virus droplets.
- 3) Outer layer (non-woven); and water resistant.

PRODUCT FEATURES

- BFE 95%+ \ PFE 99%+
- Ferrous nose piece
- Comfortable, secure fit
- Water resistant, breathable, soft on the face
- Exceeds ASTM F2100 standards
- Low Delta P factor for easy breathability



ASTM LEVEL - 1

General use for short procedures and exams that don't involve aerosols, spray or fluids.*

ASTM LEVEL - 2

For use with low to moderate aerosols, spray or fluids.*

ASTM LEVEL - 3

Heavy use for short procedures involving aerosols, spray or fluids.*

*Please use as directed



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ASTM LEVEL -1 PAEDIATRIC FACE MASK

3-ply general protection for daily usage.*



3 - LAYERS OF PROTECTION

- 1) Inner layer (non-woven); skin friendly, tasteless and non-irritating.
- 2) Middle layer (high grade melt-blown); absorption and filtration of virus droplets.
- 3) Outer layer (non-woven); water resistant.

PRODUCT FEATURES

- Size: 120mm - 75mm
- BFE 95%+ \ PFE 98%+
- Water resistant
- Soft on the face
- Exceeds ASTM F2100 standards
- Easy breathability



*Please use as directed



CROWN MUTUAL MEDICAL GROUP

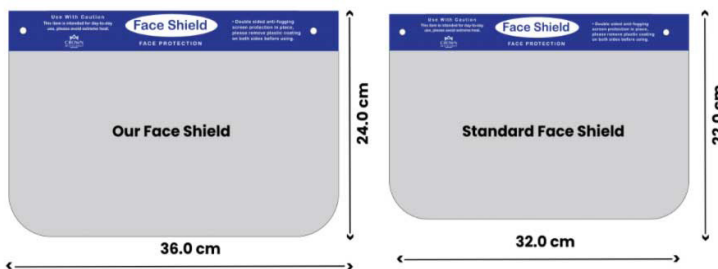
CERTIFIED PPE MADE IN CANADA

ASTM LEVEL - 1 PROTECTIVE FACE SHIELDS

Facial covering, general protection for daily usage.*

Size Comparison

Bigger Shields Means More Face Coverage



Our Face Shield is 20% Bigger Than Standard Issue.



Choose Standard issue or 4 Different Themes:
Canada, USA, Holiday or Light Blue



MOQ BOX OF 200

(shields come individually wrapped)

PRODUCT FEATURES

- Size 170mm x 250mm
- Anti-Fog, Anti-Static, Direct Splash Protection.
- Made from high grade PET material, that offers a wide range of vision.
- Ultra-light weight and flexible with a soft foam headband.
- Works with personal eye wear.



*Please use as directed



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ASTM LEVEL - 1 PAEDIATRIC FACE SHIELDS

Facial covering, general protection for daily usage.*

*Choose From 4 Different Characters:
Duckie, Teddy, Dino or Piggy*

MOQ BOX OF 200

(shields come individually wrapped)



PRODUCT FEATURES

- **Size 170mm x 250mm**
- **Anti-Fog, Anti-Static, Direct Splash Protection.**
- **Made from high grade PET material, that offers a wide range of vision.**
- **Ultra-light weight and flexible with a soft foam headband.**
- **Works with personal eye wear.**

*Please use as directed



ASTM N95 DISPOSABLE RESPIRATOR

Provides at least 95% filtration efficiency against solids and liquid aerosols and is strongly resistant to oils.*

4 - LAYERS OF PROTECTION

- 1) The two outward protective layers of fabric, covering the inside and outside of the mask, are created using spun bonding*
- 2) Between the spun bond layers there's a pre-filtration layer, which can be as dense as 250 g/m², and the filtration layer.*
- 3) The last layer is a high efficiency melt-blown electret (or polarized) nonwoven material, which determines the filtration efficiency.*



Manufactured By InnolifeCare

ASTM N95 PRODUCT FEATURES

- Adjustable nose clip helps reduce fogging, helps ensure a better seal
- Non-valve, disposable respirator
- 2-strap design with 4-points staple provide a secure fit
- Soft nose foam reduces eyewear fogging
- Compatible with a variety of safety eyewear and hearing protection
- Cup-style respirator



*Please use as directed



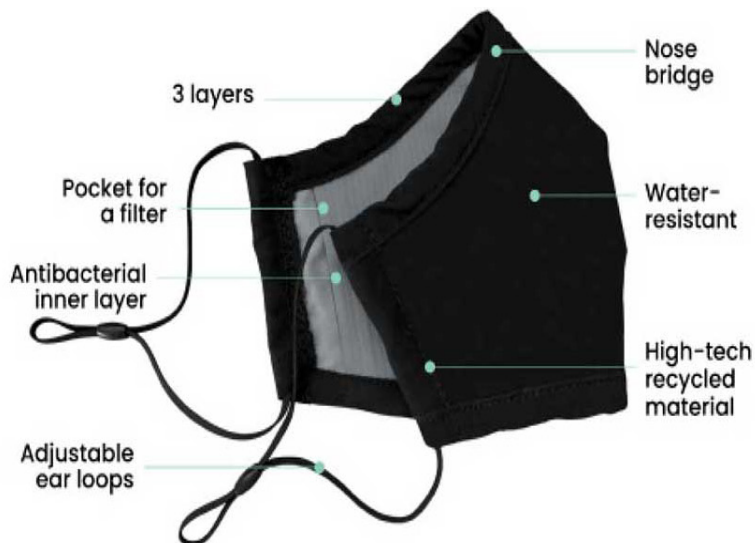
WATER RESISTANT ECO-FRIENDLY FACEMASK

3-Layer, Eco-friendly, Breathable and Reusable
Face Masks for Organizations in Canada and USA.



3 - LAYERS OF PROTECTION

1. Inner layer is made with absorbent polyester with antibacterial material sewn in.
2. The middle layer is a 100% cotton/polyester lining,
3. The outer layer is made of non-absorbent Recycleve™, 100% recycled polyester.



Manufactured By MaskedForWork

PRODUCT FEATURES

- **Reusable and eco-friendly:** made with Recycleve™ (100% certified recycled polyester fabric).
- **High-tech material:** Made with an innovative material that has been tested for quality.
- **Antibacterial layer:** Made with zinc oxide that destroys bacteria
- **Water-resistant:** Prevents your face mask from getting soaked after 20 to 30 washes.
- **Adjustable ear loops:** Provides more comfort closes any gaps around the face.
- **Nose bridge:** Creates a better fit around your face.

*Please use as directed



CROWN MUTUAL MEDICAL GROUP

CERTIFIED PPE MADE IN CANADA

WE CARE HAND SANITIZER

The perfect pocket-sized product to ensure perpetually clean hands.



LIQUID PROTECTION

WE Care 30ml spray bottle is child-safe, leak-proof and refillable. It's effective formula powered by its 75% alcohol content and a generous level of calming, moisture-retaining glycerin to protect and soothe – so it battles bacteria without stripping your skin. This product is proudly manufactured in Nanaimo, BC and is approved for use by Health Canada.



Manufactured By WeCare

SANITIZER PRODUCT FEATURES

- Medicinal ingredients: 2-propanol (isopropyl alcohol) 75 % alcohol.
- Non-medicinal ingredients: glycerine, aloe barbedness leaf extract, hydrogen peroxide, distilled water.
- Recommended use: antibacterial (skin) cleanser.
- Apply directly to hands and rub in immediately. No rinsing required.
- Fast drying formulation. No residue.
- Suitable for frequent daily use even on dry or chapped hands.

*Please use as directed



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ASTM International Standards

ASTM International, formerly known as American Society for Testing and Materials, is an international standards organization that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services.



ASTM INTERNATIONAL

Crown Mutual Medical is thrilled to be aligned with the Kinectrics testing facility in Toronto, Ont. Kinectrics offers testing of respiratory personal protective equipment (PPE) for industrial and medical applications.

Click Below To Hyperlink To The Test Results

[Kinectrics ASTM Level 1 Testing Results](#)

[Kinectrics ASTM Level 2 Testing Results](#)

[Kinectrics ASTM Level 3 Testing Results](#)

[Kinectrics ASTM Paediatric](#)



ANALYTICAL REPORT ID: 20-PPE-00188
 PRODUCT ID: LEVEL 1 MASKS
 DESCRIPTION: Blue 3-ply
 MATERIAL: SMS
 MANUFACTURER: Crown Mutual Medical Group LTD.
 LOT IDENTIFICATION: N/A
 DATE RECEIVED: 29-Sep-2020
 REPORT DATE: 9-Oct-2020

MEDICAL MASK TEST SUMMARY
 ASTM F2100: Standard Specification for Performance of Materials used in Medical Face Masks

Test Method	AVERAGED RESULT	Not Rated	ASTM F2100		
			Level 1	Level 2	Level 3
Flammability 16 CFR 1610	Class 1	Class 3		Class 1	
Particulate Filtration Efficiency ASTM F2296	99.87	< 95%	≥ 95%		≥ 98%
Differential Pressure (EN 14683 Annex C)	2.54	> 6.0 mm H ₂ O/cm ²	< 5.0 mm H ₂ O/cm ²		< 6.0 mm H ₂ O/cm ²
Bacterial Filtration Efficiency ASTM F2101	99.83	< 95%	≥ 95%		≥ 98%
Fluid Resistance to Synthetic Blood ASTM F2102	80 mmHg	Failure at 80 mmHg	≥ 95%	120 mmHg	160 mmHg

The samples tested meet the acceptance criteria for ASTM F2100 performance LEVEL 1
 Test results only apply to the samples submitted for analysis. Samples are randomly selected for each test from the submitted batch. It is the responsibility of the distributor to ensure the tested batch is compliant for the required sampling methodology as per ASTM F2100. If it is additional test information is available upon request.

Reviewed By: Victoria Hiko 2020.10.09 12:29:11 -0400
 Approved By: Rob Taylor 2020.10.09 13:07:59 -0400
 Kinectrics Analytical and Environmental Services Laboratory
 800 Kipling Ave. Unit 2, Toronto, ON, M8Z 5G5
 Page 1 of 7

Tested for the following criteria	Typical Canada /US ASTM F2100-19		
	Level 1	Level 2	Level 3
Bacterial Filtration Efficiency, % ASTM F2101-19	≥95	≥98	≥98
Differential Pressure, mm H ₂ O/cm ² EN 14683:2019, Annex C or equivalent	<5.0	<6.0	<6.0
Submicron particulate filtration efficiency at 0.1 micron, % 0.1 Micron Silica Spheres tested at 5cm/sec or greater	≥95	≥98	≥98
Splash Resistance/Synthetic Blood Resistance mmHg ASTM F1862	80	120	160
Flame Spread 16 CFR Pat 1610	Class 1	Class 1	Class 1



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Testing for Certification & Compliance

In the world of manufacturing surgical face masks, it's all about standards and producing a compliant product that can offer the maximum amount of protection. American Society of Material and Testing (ASTM) is the global authority for determining surgical masks' criteria for a professional environment.



Health
Canada
Approved
Santé
Canada
a Approuvé



Licence Number 13806 Numéro de la licence
Medical Device Establishment Licence Licence d'établissement pour les instruments médicaux
CROWN MUTUAL LTD. DBA CROWN MUTUAL GROUP OF COMPANIES

6833 METRO ROAD
LANTZVILLE, BRITISH COLUMBIA
CANADA
V0R 2H0

This licence is issued in accordance with the Medical Devices Regulations of the Food and Drugs Act for the following activities:

Cette licence est délivrée conformément à la Loi sur les aliments et drogues, règlement sur les instruments médicaux pour les activités qui suivent:

	Distributor / Distributeur	Importer / Importateur	Manufacture Devices for Distribution / Fabricant d'instruments médicaux pour distribution
Class I / Classe I	No / Non	Yes / Oui	Yes / Oui
Class II / Classe II	No / Non	No / Non	
Class III / Classe III	No / Non	No / Non	
Class IV / Classe IV	No / Non	No / Non	

Attestation made :

The establishment has documented procedures in place in respect of:

- distribution records
- complaint handling
- recalls
- mandatory problem reporting
- handling, storage, delivery
- installation
- corrective action
- servicing

Attestations faites :

L'établissement a mis en œuvre une procédure écrite concernant:

- les registres de distribution
- les plaintes
- les rappels
- rapports d'incident obligatoires
- la manipulation, le stockage, la livraison
- l'installation
- les mesures correctives
- l'entretien

Site listing begins on the back of this page

Liste des sites commence au verso de cette page

Issue Date, date de délivrance: 2020-07-31

Minister of Health
Ministre de la santé

Countersigned: Director, Medical Devices Compliance Program or delegated authority
Contresigné par: Directrice, Programme de conformité des matériels médicaux ou autorité déléguée

Archie
Archie Mitchell

This license is the property of the Medical Devices Compliance Program and must be returned upon demand.
Cette licence appartient au Programme de conformité des matériels médicaux et doit être retournée sur demande.

Page 1 of 2

Crown Mutual Group is a North American based FDA and Health Canada registered manufacturer of medical grade ASTM surgical masks. Our company established due to a shortage of PPE.

CROWN MUTUAL GROUP (CMG) manufacturers Surgical Masks certified ASTM Level 1, ASTM Level 2, ASTM Level 3, and Pediatric Mask ASTM Level 1.



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CROWN MUTUAL GROUP MASK & FACE SHIELD PRICING TABLE

Adult Level 1	Sample Order	Each Carton contains 2500 Masks				
Adult ASTM Level 1	50 Pc Box	2500 -	10,000-	50,000-	250,000-	1M+
Medical Mask CMG A-01	100 - 2500	10000 Pc	50000 Pc	250000 PC	1M Pc	
Cost Per Unit	\$0.40	\$0.28	\$0.23	\$0.22	\$0.21	\$0.20
Cost Per Box	\$20.00	\$14.00	\$11.50	\$11.00	\$10.50	\$10.00
Cost Per Carton (50 boxes)		\$700.00	\$575.00	\$550.00	\$525.00	\$500.00

Adult Level 2	Sample Order	Each Carton contains 2500 Masks				
Adult ASTM Level 2	50 Pc Box	2500 -	11,000-	51,000-	251,000-	1M+
Medical Mask CMG A-02	100 - 2500	10000 Pc	50000 Pc	250000 PC	1M Pc	
Cost Per Unit	\$0.45	\$0.30	\$0.25	\$0.23	\$0.22	\$0.21
Cost Per Box	\$22.50	\$15.00	\$12.50	\$11.50	\$11.00	\$10.50
Cost Per Carton (50 boxes)		\$750.00	\$625.00	\$575.00	\$550.00	\$525.00

Adult Level 3	Sample Order	Each Carton contains 2500 Masks				
Adult ASTM Level 3	50 Pc Box	2500 -	10,000-	50,000-	250,000-	1M+
Medical Mask CMG A-03	100 - 2500	10000 Pc	50000 Pc	250000 PC	1M Pc	
Cost Per Unit	\$0.50	\$0.35	\$0.32	\$0.30	\$0.29	\$0.28
Cost Per Box	\$25.00	\$17.50	\$16.00	\$15.00	\$14.50	\$14.00
Cost Per Carton (50 boxes)		\$875.00	\$800.00	\$750.00	\$725.00	\$700.00

Pediatric Level 1	Sample Order	Each Carton contains 2500 Masks				
Pediatric ASTM Level	50 Pc Box	2500 -	10,000-	50,000-	250,000-	1M+
Medical Mask CMG P-01	100 - 2500	10000 Pc	50000 Pc	250000 PC	1M Pc	
Cost Per Unit	\$0.45	\$0.30	\$0.25	\$0.23	\$0.22	\$0.21
Cost Per Box	\$22.50	\$15.00	\$12.50	\$11.50	\$11.00	\$10.50
Cost Per Carton (50 boxes)		\$750.00	\$625.00	\$575.00	\$550.00	\$525.00

Adult Face Shield	Sample Order	Each Carton contains 200 Masks				
WHO Standard	200 Pc Carton	200 -	5,000 -	50,000 -	500,000 -	1M+
Dual Sided Anti-Fog	10 - 200	5,000 Pc	50,000 Pc	500,000 PC	1M Pc	
Cost Per Unit	\$2.25	\$2.15	\$2.00	\$1.85	\$1.70	\$1.55
Cost Per Box	\$450.00	\$430.00	\$400.00	\$370.00	\$340.00	\$310.00