

CO-DEFEND



**PPE Product
Brochure
2020**

CO-DEFEND

CO-DEFEND cuts through medical supply chains with direct access to medical supply manufacturers.

Our exclusive network connects you with trusted suppliers in Asia to expedite bulk quantities of medical grade PPE equipment in the fight against COVID-19.

CO-DEFEND's vast experience in negotiating and brokering international deals solves supply chain problems quickly for high-demand items.

Contents

1.10 3-ply non-medical masks	1
1.10 (a) Non-medical 3-ply EN149	1
1.10 (b) Non-medical FDA Level 1 Mask	1
1.20 Surgical Masks	2
1.20 (a) Medical 3-ply EN14683: L1	2
1.20 (b) Medical 3-ply EN14683: L2	2
1.20 (c) Medical 3-ply ASTM Level 1	3
1.20 (d) Medical 3-ply ASTM Level 2	3
1.30 Respirators	4-5
1.30 (a) FFP2	4
1.30 (b) KN95/KF94	4
1.30 (c) N95 FDA Medical	5
1.30 (d) N95 w/ NIOSH	5
2.0 Medical Devices	6
2.0 (a) Non-contact thermometer gun	6
2.0 (b) Instant / in-home test	6
3.0 PPE and Equipment	7-13
3.0 (a) Disposable protection coveralls Level 2	7
3.0 (b) Disposable protection coveralls Level 3	7
3.0 (c) Surgical gown	8
3.0 (d) Disposable isolation clothes AAMI 2	8
3.0 (e) Disposable protection clothes AAMI 3	9
3.0 (f) Hand clothes / scrubs	9
3.0 (g) Protection boots / shoe cover	10
3.0 (h) Regular goggles	10
3.0 (i) Protective goggles	11
3.0 (j) Face shield	11
3.0 (k) Nitrile gloves	12
3.0 (l) Latex examination gloves	12
3.0 (m) Hand sanitizer	13

1.10 3-ply non-medical masks

1.10 (a) Non-medical 3-ply EN149

3-ply face masks are widely used in medical, dental, laboratory, food sectors, schools and households to help prevent the spread of disease.

- Non-certified medical quality mask.
- EN149 with BFE>95% (bacterial filtration efficiency).
- Medium fluid resistance.
- 3-ply design.
- Elastic ear loops.
- Breathable material.
- Comfortable to wear.
- One size fits most.



Production Capacity: 20M/per week

✓ CE Certificate

✗ FDA Approved



1.10 (b) Non-medical FDA Level 1 Mask

These are disposable masks that are rated as having Level 1 barrier protection by America's medical regulator (FDA) for use when no other surgical masks are available.

- FDA approved for use during critical supply shortages.
- BFE>95% (bacterial filtration efficiency).
- PFE > 94% (particulate filter efficiency).
- Elastic ear loops.
- Breathable material.
- Comfortable to wear.
- One size fits most.

Production Capacity: 10M/per week

✗ CE Certificate

✓ FDA Approved

1.20 Surgical Masks

1.20 (a) Medical 3-ply EN14683: L1

Suitable for procedures where low amounts of fluid, spray and/or aerosols are produced.

- BFE>95% (bacterial filtration efficiency).
- Low fluid resistance (80mmHg).
- Elastic ear loops.
- Breathable material.
- Comfortable to wear.
- One size fits most.



Production Capacity: 10M/per week

✓ CE Certificate

✓ FDA Approved

1.20 (b) Medical 3-ply EN14683: L2

Suitable for procedures where moderate to light amounts of fluid, spray and/or aerosols are produced.

- BFE>98% (bacterial filtration efficiency).
- Moderate fluid resistance (120mmHg).
- Elastic ear loops.
- Breathable material.
- Comfortable to wear.
- One size fits most.



Production Capacity: 10M/per week

✓ CE Certificate

✓ FDA Approved

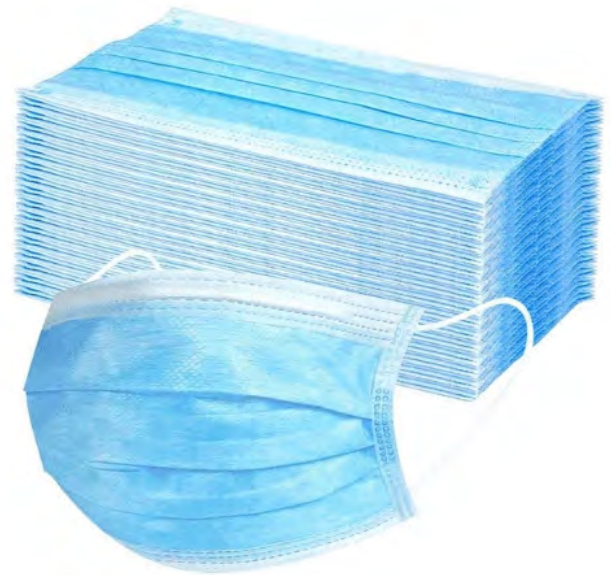
1.20 Surgical Masks

1.20 (c) Medical 3-ply ASTM Level 1

This is an FDA-approved surgical mask which is suitable for procedures where low amounts of fluid, spray and/or aerosols are produced.

- BFE>95% (bacterial filtration efficiency).
- PFE>95% (particulate filter efficiency).
- Low fluid resistance (80mmHg).
- Elastic ear loops.
- Breathable material.
- Comfortable to wear.
- One size fits most.

*



Production Capacity: 10M/per week



CE Certificate



FDA Approved

*



1.20 (d) Medical 3-ply ASTM Level 2 Surgical Mask (w/ sterile option)

This is an FDA-approved surgical mask which is suitable for procedures where moderate to light amounts of fluid, spray and/or aerosols are produced.

- BFE>98% (bacterial filtration efficiency).
- PFE>98% (particulate filter efficiency).
- Moderate fluid resistance (120mmHg).
- Elastic ear loops.
- Breathable material.
- Comfortable to wear.
- One size fits most.

Production Capacity: 10M/per week



CE Certificate



FDA Approved

1.30 Respirators

1.30 (a) FFP2 and FFP3

Filtering facepiece respirators (FFRs) are disposable respirators that are mainly used in construction, agriculture and by healthcare professionals against influenza viruses. They are currently being used for protection against the coronavirus.

- Filters up to 94% of airborne particles.
- Maximum of 8% leakage to the inside.
- Half-face mask that protects chin, nose and mouth.
- Adjustable nosepiece.
- Easy breathing/speaking.
- With valve and without valve.



Production Capacity: 5M/per week

✓ CE Certificate

✗ FDA Approved

1.30 (b) KN95/KF94 (China/Korean N95 equivalent)

This is an uncertified equivalent model to the in-demand N95 model of respirator mask. The masks have almost identical performance to the N95 masks and have been listed as an alternative by the CDC and the FDA when N95 masks are unavailable.

- Filters more than 95% of airborne particles.
- Maximum of 8% leakage to the inside.
- High fluid resistance (160mmHg).
- Half-face mask that protects chin, nose and mouth.
- Adjustable nosepiece.
- Easy breathing/speaking.

Production Capacity: 5M/per week

✗ CE Certificate

✓ FDA Approved

1.30 Respirators

1.30 (c) N95 Respirator - FDA registered

An N95 respirator mask is a respiratory protective device designed to achieve a very close facial fit and very efficient filtration of airborne particles. They are used to protect the wearer from airborne particles and from liquid contaminating the face.

- Filters more than 95% of airborne particles.
- Maximum of 8% leakage to the inside.
- Half-face mask that protects chin, nose and mouth.
- Adjustable nosepiece.
- Easy breathing/speaking.

*



Production Capacity: 3M/per week

✓ CE Certificate

✓ FDA Approved

*



1.30 (d) N95 w/ NIOSH

An N95 w/ NIOSH respirator mask is a respiratory protective device designed to achieve a very close facial fit and very efficient filtration of airborne particles. They are used to protect the wearer from airborne particles and from liquid contaminating the face.

- Filters more than 95% of airborne particles.
- Maximum of 8% leakage to the inside.
- High fluid resistance (160mmHg).
- Half-face mask that protects chin, nose and mouth.
- Adjustable nosepiece.
- Easy breathing/speaking.

Production Capacity: 1M/per week

✗ CE Certificate

✓ FDA Approved

2.0 Medical Devices

2.0 (a) Non-contact thermometer gun

This device is engineered to measure the body temperature of a person regardless of room temperature. As one of the symptoms of COVID-19 is a high body temperature, this device can be useful in quickly screening people for the probability of infection.

- 5cm distance.
- Ability to select degree C or degree F.
- Hand-held and compact for easy use.
- Digital display.



Production Capacity: 1-2M/per week

✓ CE Certificate ✗ FDA Approved

2.0 (b) Instant / in-home test

An in-home COVID-19 test which is a single use test that can be used to test for the coronavirus.

These tests have been designed for initial screening, and if the patient returns a positive result the patient should visit a doctor for more testing.

- Single use test.
- Test results within 15 minutes.
- Designed for initial screening.

*



3.0 PPE and Equipment



3.0 (a) Disposable protection coveralls Level 2

Basic protective safety coverall which is easily disposable.

Available in Medium, Large and Extra Large.

- One piece suite with drawstring hood and zip at the front.
- Limited particle protection.
- High comfort level with good air and water vapour penetration.
- Anti-static.

Production Capacity: 200K/per week

✓ CE Certificate

✓ FDA Approved

3.0 (b) Disposable protection coveralls Level 3

Protective safety coverall which is easily disposable.

Available in Medium, Large and Extra Large.

- 3 piece hood with elasticised opening for light and comfortable seal.
- Double adhesive zipper cover.
- Waist area is gathered and stretchy for freedom of movement.



Production Capacity: 200K/per week

✓ CE Certificate

✓ FDA Approved

3.0 PPE and Equipment



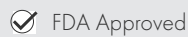
3.0 (c) Surgical gown

A sterile, disposable surgical gown that ties at the back.

Available in Medium, Large and Extra Large.

- Gowns have their own 510k number.

Production Capacity: 1M/per week



3.0 (d) Disposable protection clothes AAMI 2

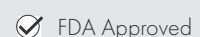
Disposable medical-grade clothing for healthcare workers to protect arms and body areas during procedures and patient-care activities.

Available in Medium, Large and Extra Large.

- PP coated non-woven fabric.
- GSM 35.



Production Capacity: 100k/week



3.0 PPE and Equipment



3.0 (e) Disposable protection clothes AAMI 3

Disposable medical-grade clothing for healthcare workers to protect arms and body areas during procedures and patient-care activities.

Available in Medium, Large and Extra Large.

- TPU + non-woven fabric from spunbound and meltblown.
- GSM 40.

Production Capacity: --

✓ CE Certificate ✓ FDA Approved

3.0 (f) Hand clothes / scrubs

Disposable medical-grade scrubs and clothes for frontline health professionals dealing with COVID-19 patients.

Available in Medium, Large and Extra Large.



Production Capacity: 100K/per week

✓ CE Certificate ✓ FDA Approved

3.0 PPE and Equipment



3.0 (g) Protection boots / shoe cover

Disposable medical-grade shoe covers for frontline health professionals dealing with COVID-19 patients.

Available in one size.

Production Capacity: 100K/per week

✓ CE Certificate ✓ FDA Approved

3.0 (h) Regular goggles

Sealed goggles which provide ordinary civil grade protection. These goggles are designed to protect the area surrounding the eye in order to prevent particulates, water or chemicals from striking the eyes.

- Crystal white lens colour.



Production Capacity: 200K/per week

✓ CE Certificate ✓ FDA Approved

3.0 PPE and Equipment

*



3.0 (i) Protective goggles

Medical grade protective goggles which provide optimal protection.

- PVC transparent mirror frame.
- Wide-edge design.
- Good sealing performance.
- Can be equipped with myopia glasses.
- Adjustable elastic rope, suitable for a variety of face shapes.
- Fully-enclosed without an air valve.

Production Capacity: 100K/per week



CE Certificate



FDA Approved

3.0 (j) Face shield

Disposable direct splash protective shield for use in a medical environment.

- Anti-fog and anti-static treatment.
- Latex free, fiberglass free, distortion free.
- Foam headband relieves pressure.
- Lightweight, optically clear.
- OSHA- compliant.



*

Production Capacity: 700K/per week



CE Certificate



FDA Approved

3.0 PPE and Equipment

*



3.0 (k) Nitrile gloves

These are 100% latex free and do not contain natural rubber latex, making them an excellent alternative for people allergic to latex.

- Durable, puncture resistant, protein and powder-free nitrile.
- Highly elastic and super soft.
- Rolled rim for easy use.
- Natural rubber-like feel.

Production Capacity: 5M/per week

✓ CE Certificate

✓ FDA Approved

3.0 (l) Latex examination gloves

Latex powder-free examination gloves for comfort and protection. A perfect combination of strength, elasticity and slip resistance. Because of their thickness and elasticity they perform well in high risk, heavy duty situations.

- Beaded cuff for easy use.
- Textured for improved grip.
- Powder-free glove.



*

Production Capacity: 5M/per week

✓ CE Certificate

✓ FDA Approved

3.0 PPE and Equipment

3.0 (m) Hand sanitizer

Hand sanitizer kills 99.9% of bacteria on hands and is a critical protective product in the fight against COVID-19.

- Alcohol-based sanitizer.
- Kills bacteria without the use of water.
- Available in multiple sizes.



Production Capacity: 150K L/per week

✓ CE Certificate

✓ FDA Approved

CO-DEFEND