



# EMPIRE

MANAGED SOLUTIONS

## PPE Specification Catalog

Empire Managed Solutions is a subsidiary of Empire Hospitality LLC. We hold multiple GSA Contracts and are a trusted Prime Vendor for the US Military, Dept. of Veterans Affairs as well as numerous other US Government agencies. We have a proven and successful past performance with FEMA, Federal First Responder support, and state level emergency management response. We recognize the importance of ensuring the products you order meet quality and safety expectations. Our factories are established medical device manufacturers and have been producing PPE well before the COVID-19 Pandemic. We have trusted agents performing QC inspections prior to our products being shipped. Please contact us for inventory availability, delivery times, and pricing.

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Contract Holder

# HAND SANITIZER SPECIFICATIONS



## Key Features

Clear Gel like liquid

Contains at least 70% alcohol as specified by the CDC for effective sanitizing

## Material Composition/Ingredients

Principal component: 75% Dimyristyl Phosphate

### Ingredient Composition Percentage

Ethanol: 70-75

Carbomer: 3-8

Glycerol: 3-8

Triethanolamine: 5-10

Water: 10-15

May contain Aloe leaf



## Use for:

Skin, Hand Cleaning

Bacteriosis

Follow directions on bottle for correct usage

## Shelf life and storage

Keep in properly labeled containers

Keep lid tightly closed

Store in a cool well-ventilated room

## First Aid Measures:

In case of eye contact rinse thoroughly with water. Do not use on babies less than 2 months of age. Do not use on open wounds.

Discontinue use if irritation or redness occurs.

If condition persists for more than 72 hours, consult a doctor. Keep out of reach of children.

If swallowed, get medical help or contact a Poison Control Center right away.

## Sizes Available:

1oz, 2oz, 4oz, 10oz, 16.9oz, 64oz

## Packaging:

Clear Plastic bottles, white lids, pumps

## Country of Origin:

China

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# N95 SPECIFICATIONS



## Key Features

Adjustable Nose Clip

Nose Foam

Ultrasonically welded headstraps

## Material Composition/Ingredients

Mask Body: SMS Fabric

Straps: Thermoplastic Elastomer

Nose Clip: Aluminum

Nose foam: Polyurethane

Contains no components made from natural rubber latex



## Approvals and Standards

FDA Class 2. Code:

MSH

## Use for:

Use for solid particulates and liquid mists in concentrations not exceeding 10X PEL/OEL

## Do not use for:

Gases and vapors, oil aerosols, asbestos, arsenic, cadmium, lead, 4,4-methylene dianiline(MDA), or abrasive blasting

Particulate concentrations exceeding 10X PEL/OEL

## Shelf life and storage

5 years from the date of manufacture

Use By date on box in MM/YYYY format

Store respirators in the original packaging, away from contaminated areas, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals

Store in temperatures between -4°F (-20°C) and +86°F (+30°C) and not exceeding 80% RH

## Dimensions/Weight

Approx weight: 0.35oz

## Packaging:

Box of 10

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# N95 NIOSH SPECIFICATIONS



## Key Features

Adjustable Nose Clip  
Nose Foam  
Ultrasonically welded head straps  
Neck worn adjustable buckle design for proper fit  
Vertical fold allows easy folding when not in use  
Fits well with goggles or helmets

## Material Composition/Ingredients

Mask Body: SMS Fabric  
Straps: Thermoplastic Elastomer  
Nose Clip: Plastic  
Nose foam: Polyurethane  
Contains no components made from natural rubber latex

## Approvals and Standards

NIOSH Approved TC-84A-6660

## Use for:

Use for solid particulates and liquid mists in concentrations not exceeding 10X PEL/OEL

## Do not use for:

Gases and vapors, oil aerosols, asbestos, arsenic, cadmium, lead, 4,4-methylene dianiline(MDA), or abrasive blasting  
Particulate concentrations exceeding 10X PEL/OEL



## Shelf life and storage

- 5 years from the date of manufacture
- Use By date on box in MM/YYYY format
  - Store respirators in the original packaging, away from contaminated areas, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals
  - Store in temperatures between -4°F (-20°C) and +86°F (+30°C) and not exceeding 80% RH

## Dimensions/Weight

Approx weight: 0.35oz

## Packaging:

Boxes of 20, 12 boxes per case

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# SURGICAL MASK SPECIFICATIONS



## Key Features

Shingle Pleats, rectangular face masks with shapeable nose piece  
Two flat knitted ear loops, one on each end

## Material Composition/Ingredients

SMS non-woven fabric  
Plastic nose beam  
Latex free  
Sterilized

## Approvals and Standards

FFDA: Class II  
Code: FXX Surgical Apparel  
ASTM F2100-11 (Reapproved 2018)  
ASTM F2101-14  
ASTM F1862/F1862M-17  
ASTM F2100-19  
ASTM F2101-19

## Use for:

Protection from transfer of microorganisms, body fluids & particulate material.

## Country of Origin:

China



## Shelf life and storage

Store under cool, clean, dry conditions  
Avoid excessive heat (over 40°C)

## Packaging:

Package of 50

## Dimensions/Weight

Length: 12-17.5 cm  
Width: 7-9.5 cm  
Pleat depth: 14mm  
Nose piece: 105mm

Test Method	Test Description	ASTM F2100-11 Requirement ASTM	Test Result	ASTM F2100-11 Requirement ASTM	Test Result
ASTM 1862	Fluid Resistance with synthetic blood	80 mm Hg	80 mm Hg	160 mm Hg	160 mm Hg
MIL-M-36954C	Delta P Differential Pressure, mm H <sub>2</sub> O/cm <sup>2</sup>	<4.0mm H <sub>2</sub> O	3.2 mm H <sub>2</sub> O	<5.0 mm H <sub>2</sub> O	4.0 mm H <sub>2</sub> O
ASTM F2101	Bacterial Filtration Efficiency (BFE)	≥ 95%	99.60%	≥ 98%	99.80%
ASTM F2299	Submission Particle Filtration (PFE) @ 0.1μ	≥ 95%	99.60%	≥ 98%	99.80%
16 CFR Part 1610	Flammability	Class 1	Class 1	Class 1	Class 1

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# EAR LOOP MASK SPECIFICATIONS



## Key Features

Shingle Pleats, rectangular face masks with shapeable nose piece  
Two flat knitted ear loops, one on each end

## Material Composition/Ingredients

Non woven fabric  
Fusible jet filter cloth  
Plastic nose beam  
Latex free



## Approvals and Standards

FDA Class 1  
Code: LYU

## Shelf life and storage

Store under cool, clean, dry conditions  
Avoid excessive heat (over 40°C)

## Use for:

Protection from transfer of microorganisms,  
& body fluids

## Country of Origin:

China

## Packaging:

Box of 50

## Dimensions: Adult's Size

Length: 175 mm  
Width: 90.5 mm  
Ear loop: 165mm  
Pleat depth: 14mm  
Nose piece: 105mm

## Dimensions: Kids' Size

Length: 145 mm  
Width: 95 mm  
Ear loop: 140mm  
Pleat depth: 10mm  
Nose piece: 95mm

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# FACE SHIELD SPECIFICATIONS



## Key Features

Anti Fog, Anti Static Shield  
Hypoallergenic Foam head rest  
Creates room for glasses or goggles  
Lightweight and comfortable to wear  
Splash Protection

## Material Composition/Ingredients

Shield: PVC  
Headrest: Foam  
Headband: Elastic  
Contains no natural rubber latex

## Approvals and Standards

Meets ASTM requirements

## Use for:

Splash protection.  
Disposable, Single Use

## Country of Origin:

China



## Packaging:

Individually wrapped

## Dimensions/Weight

Height: 9.5 inches  
Width: 17.5 inches

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# GOGGLES SPECIFICATIONS

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## Key Features

- Wide angle wrap around lens
- Protects from sand and dust
- Ventilation holes to prevent fogging
- Impact resistant
- Adjustable headband
- Fits over most prescription glasses
- Scratch resistant



## Material Composition/Ingredients

- Lens: High Strength Polycarbonate
- Frame: PVC
- Headband: Elastic

## Approvals and Standards

- ANSI Z87.1-2003
- FDA Code: HOY

## Use for:

- Splash Protection

## Packaging:

- Individually Bagged
- 10 pcs per box

## Country of Origin:

- China

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# NITRILE GLOVES SPECIFICATIONS



## Key Features

Latex Free, Powder Free  
Beaded Cuff  
Ambidextrous  
Comfort fit  
Chemical Resistent

## Material Composition/Ingredients

100% Nitrile  
Latex Free, Powder Free

## Use for:

Single Use, Disposable

## Approvals and Standards

CE Classification: Class 1 Non Sterile  
FDA Code: KHA

## Physical Dimensions

Dimensions	Standards		
	Top Glove	ASTM D3578	EN 455
Length (mm)	Min 230, Min 240, 300 $\pm$ 10	Min 220 (XS, S) Min 230 (M, L, XL)	Min 240
Palm Width (mm)			
• S	84 $\pm$ 3	80 $\pm$ 10	80 $\pm$ 10
• M	94 $\pm$ 3	95 $\pm$ 10	95 $\pm$ 10
• L	105 $\pm$ 3	110 $\pm$ 10	110 $\pm$ 10
• XL	113 $\pm$ 3	120 $\pm$ 10	$\geq$ 110
Thickness : Single Wall (mm)			
• Finger	Min 0.05	Min 0.05	N/A
• Palm	Min 0.05	Min 0.05	N/A



## Shelf life and storage

Store in a cool, dry area out of direct sunlight  
and away from heat

## Packaging:

100pc per box

## Country of Origin:

China

## Physical Properties

Property	ASTM D6319	EN 455
Tensile Strength (MPa)		
• Before Aging	Min 14	N/A
• After Aging	Min 14	N/A
Elongation at Break (%)		
• Before Aging	Min 500	N/A
• After Aging	Min 400	N/A
Median Force at Break (N)		
• Before Aging	N/A	Min 6
• After Aging	N/A	Min 6

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# ISOLATION GOWN SPECIFICATIONS



## Key Features

Disposable Polypropylene full length  
isolation Gown with ribbed SMS cuffs  
Neck and waist ties  
Impervious  
Full Back  
Autoclavable

## Material Composition/Ingredients

Spun bonded Polypropylene  
Comfort ribbed cuffs  
Latex Free



## Use for:

Single use, to protect from the transfer of  
microorganisms and body fluids

## Shelf life and storage

Store in cool, clean dry conditions

## Approvals and Standards

Class 1, Code OEA. Medical Protective  
Isolation Clothing. Non Sterile

## Sizes Available:

S, M, L, XL, XXL

## Country of Origin:

China

## Packaging:

Individually bagged

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# TYVEK SUIT SPECIFICATIONS



## Key Features

- Coverall style
- Respirator-fit hood
- Elastic wrist and ankle
- Storm flap
- Zipper front closure
- Protects from dust and liquid splashes

## Material Composition/Ingredients

- Tyvek, white
- Does not contain any natural rubber latex

## Use for:

- Barrier protection against dry particles and aerosols
- non-hazardous light liquid splash

## Do not use for:

- Contact with heavy oils, sparks or flames, or combustible liquids
- Exposure situations resulting in spray or liquid buildup on the suit
- Environments with high mechanical risks (abrasions, tears, cuts)
- Environments with exposure to hazardous substances beyond CE Type 5/6 certification
- Environments with conditions of excessive heat



## Approvals and Standards

- CE approved under CE directive R 2016/425 (Personal Protective Equipment)

## Sizes Available:

- S, M, L, XL, XXL

## Packaging:

- Individually bagged

## Country of Origin:

- China

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# NON-SLIP BOOT COVERS SPECIFICATIONS



## Key Features

- Non-slip Sole
- Elastic top Opening
- Leg Ties
- Serged Seams
- Resists dry particulates, light splashes

## Material Composition/Ingredients

- Polypropylene/Polyethylene
- Non-woven

## Approvals and Standards

- Meets ASTM requirements

## Use for:

- Splash protection.
- Disposable, Single Use

## Country of Origin:

- China

## Packaging:

- Carton of 50 pairs

## Dimensions/Weight

- 20" height
- Thickness: 0.05mm
- Fits shoe size 8-11



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