DISPOSABLE

Clean Face Mask

Features

- Bacteria Filtration Efficiency (BFE): Min. 99%
- Pressure Differential (Delta-P): Max. 1.6 mm/Aq.
- Particles (> 0.3 microns): Less than 50 ea (Dry Flex test)

* 3 ply non-woven meltblown PP filter

General Information

Item Code			M15D-000		M16D-000	
Structure	Descriptions		2ply	3ply	2ply	3ply
Body	Material	Inner Layer	Ethylene Propylene 30 g	Ethylene Polypropylene 21 g	Spunbond Polypropylene 23 g	Spunbond Polypropylene 20 g
		Middle Layer	-	Melt Blown Polypropylene 19 g	-	Melt Blown Polypropylene 18 g
		Outer Layer	Ethylene Propylene 25 g	Ethylene Polypropylene 21 g	Spunbond Polypropylene 23 g	Spunbond Polypropylene 20 g
	Length		180 mm / 210 mm			
	Width		90 mm			
Ear Loop	Material		SOP			
	Length		175 mm			
Nose Clamp	Position		Fixed in Center of the Top			
	Material		Soft flexible steel			
	Length		105 mm			

Specifications

Tensile Strength (N/cm)	41.3
Longitudinal Tensile Strength (N/cm)	26.8
Earband Strength (N)	10

Packing	50 ea/bag, 40 bags/ctn

Cleanroom Active Carbon Face Mask

4 ply non-woven meltblown PP and active carbon filter for smell filtering.

Features

- Bacteria Filtration Efficiency (BFE): Min. 99%
- Pressure Differential (Delta-P): Max. 1.6 mm/Aq.
- Particles (> 0.3 microns): Less than 50 ea (Dry Flex test)

Item Code	M07D-000	Ear Loop	190 mm
Size	90 mm × 180 mm	Packing	50 pcs/bag

Cleanroom Face Mask

Basic Information

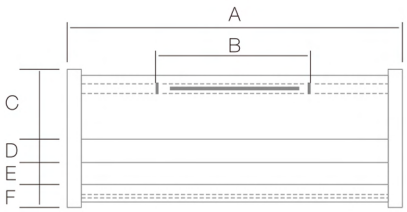
Item Code		M01D-009	M01D-010	M01D-011
Size		90×230 mm	90×210 mm	90×180 mm
Material	Out layer	HDPE Film (1st filtration)		
	Middle layer	Polypropylene Filter (2nd filtration)		
	In layer	PET/PP mixed non-woven		
	EarBand	TPU		
Packing		50 pcs/bag, 30 bags/box		

Product Specifications

(90 mm×230 mm)

	A	B	C	D	E	F	Tolerance
Length (mm)	230	95	35	17	15	23	+/- 5%

	Measure	Standard	C
APC	ea/g, 0.1 ㎛, 1CFM	Max. 120	
Dimensional Stability	%	Max. 5	



Features

- Adopting unique designs and materials
  - Using HDPE film in out layer
  - Using TPU earbands
  - Bigger size (9 cm x 23 cm)
  - Attaching earbands onto the front side of the Mask
- Using best fit materials required by each part to achieve comfortability, good air permeability and filtration
- All materials used have been passed in a skin trouble test with the mark of "Negligible"
- By using Polypropylene filter, which has a high efficient filtering performance with a good air permeability, as a middle layer, our Cleanroom Face Mask provides excellent comfortability to users.

TEST Data

Test Unit	Specifications	APC Test			
		20 - RPM	30 - RPM	40 - RPM	50 - RPM
Cleanliness (5 ea)	Less than 825.0	410.7	643.4	648.9	639.1
Cleanliness (1 ea)	Less than 165.0	82.1	128.7	129.8	127.8
Cleanliness (g)	Less than 50.0	24.6	40.9	31.9	34.1

Ion Test		
Test Unit	Results (mg/L)	Test Methods
Na	0	ICP Test
Ca	0	ICP Test
Ci	0	IC Test

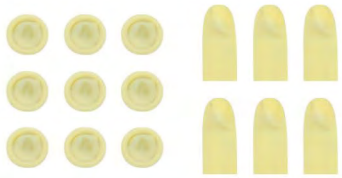
Skin Trouble Test		
Test Unit	Results (mg/L)	Test Methods
Mask Body	Negligible	ISO 10993-10 Skin irritation test
TPU Band	Negligible	ISO 10993-10 Skin irritation test

Finger Cots

Physical Properties	
Tensile Strength (MPa)	≥ 16
Elongation at Break (%)	≥ 500
Surface Resistance (ohm)	- 10e7 ~ 10e11 - 10e5 ~ 10e8
Material	- 100% Natural Rubber Latex - Nitrile
Color	White (WH), Yellow (YE), Pink (PK), Black (BK), Transparent (TP), etc.
Storage Conditions	· Cool and dry place · Avoid direct sunlight and copper material

Features

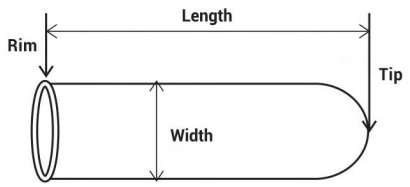
- RoHS1, RoHS2, REACH, CE Registration
- OEM Brand (Option)
- 4 different Packing Options
- Antistatic, Conductive
- Rolled, Cut, Plain, Textured
- Tight Fit and Heavy Duty Types are available
- Low Powdered, Powder Free (Chlorinated)
- Various Colors

Type \ Descriptions	Item Code	Option	Appearance
Antistatic, Low Powdered	M08D-100-WH-XXX	Rolled, Plain	
	M08D-101-WH-XXX	Rolled, Textured	
	M08D-102-WH-XXX	Cut, Plain	
	M08D-103-WH-XXX	Cut, Textured	
Antistatic, Powder free	M08D-200-YE-XXX	Rolled, Plain	
	M08D-201-YE-XXX	Rolled, Textured	
	M08D-202-YE-XXX	Cut, Plain	
	M08D-203-YE-XXX	Cut, Textured	
Conductive, Powder free	M08D-300-BK-XXX	Rolled, Plain	
	M08D-301-BK-XXX	Rolled, Textured	
	M08D-302-BK-XXX	Cut, Plain	
	M08D-303-BK-XXX	Cut, Textured	
Antistatic, Powder free	M08D-400-BK-XXX	Rolled, Plain	
	M08D-401-BK-XXX	Rolled, Textured	
	M08D-402-BK-XXX	Cut, Plain	
	M08D-403-BK-XXX	Cut, Textured	
Heavy Duty	M08D-500-TP-XXX	Unrolled, Textured	
Antistatic, Low Powdered (Tight Fit)	M08D-600-TP-XXX	Rolled, Textured	
	M08D-601-TP-XXX	Cut, Textured	
Antistatic, Powder free Nitrile	M08D-900-WH-XXX	Rolled, Plain	
	M08D-901-WH-XXX	Rolled, Textured	
	M08D-902-WH-XXX	Cut, Plain	
	M08D-903-WH-XXX	Cut, Textured	

* xxx - size (S, M, L, XL)

Type / Item Code	Rolled	Cut	Plain	Textured	Low Powdered	Powder Free	Antistatic	Conductive
M08D-100-xx-xxx	●		●		●		●	
M08D-101-xx-xxx	●			●	●		●	
M08D-102-xx-xxx		●	●		●		●	
M08D-103-xx-xxx		●		●	●		●	
M08D-200-xx-xxx	●		●			●	●	
M08D-201-xx-xxx	●			●		●	●	
M08D-202-xx-xxx		●	●			●	●	
M08D-203-xx-xxx		●		●		●	●	
M08D-300-BK-xxx	●		●			●		●
M08D-301-BK-xxx	●			●		●		●
M08D-302-BK-xxx		●	●			●		●
M08D-303-BK-xxx		●		●		●		●
M08D-400-BK-xxx	●		●			●	●	
M08D-401-BK-xxx	●			●		●	●	
M08D-402-BK-xxx		●	●			●	●	
M08D-403-BK-xxx		●		●		●	●	
M08D-500-TP-xxx	Unrolled			●				
M08D-600-TP-xxx	●			35 mm	●		●	
M08D-601-TP-xxx		●		35 mm	●		●	
M08D-900-WH-xxx	●		●			●	●	
M08D-901-WH-xxx	●			●		●	●	
M08D-902-WH-xxx		●	●			●	●	
M08D-903-WH-xxx		●		●		●	●	

ex) M08D-100-xx-xxx [* xx: color (WH, YE, PK, BK, TP, etc.) / * xxx: size (S, M, L, XL)]



Dimension			Size S	Size M	Size L	Size XL
	Average Weight/pc	g	0.42±0.02	0.46±0.02	0.50±0.02	0.56±0.02
	Width	mm	23±1	26±1	29±1	32±1
	Length-Rolled/Unrolled	mm	70±2	70±2	70±2	70±2
	Rim Thickness	mm	1.2±0.1	1.2±0.1	1.2±0.1	1.2±0.1
	Length-Cut	mm	60±3	60±3	60±3	60±3
	Thickness (double wall)	mm	0.22±0.04	0.22±0.04	0.22±0.04	0.22±0.04
	Thickness at Tip	mm	≥ 0.20	≥ 0.20	≥ 0.20	≥ 0.20

Packing Information	
1	10 gross (1,440 pcs)/bag, 20 bags/carton
2	1,000 pcs/bag, 30 bags/carton
3	100 pcs/zipper bag, 250 zipper bags/carton
4	100 pcs/zipper bag + paper case, 200 cases/carton
Carton	48 × 29 × 40 in cm (Rolled Type) / 48 × 29 × 35 in cm (Cut Type)

Disposable Shoe Cover

Item Code	M02D-007-BL
Material	Non-woven fabric
Size	40 cm×15 cm
Color	Blue
Weight	35 g
Packing	50 pairs/bag, 20 bags/ctn

Item Code	M02D-006-BL
Material	Non-woven fabric
Size	40 cm×16 cm
Color	Blue
Weight	40 g
Packing	50 pairs/bag, 20 bags/ctn

ESD Disposable Shoe Cover

Item Code	M14D-003-BL
Size	15 cm×40 cm
Conductive Ribbon (black)	60 cm× 2 cm
Color (shoe cover)	Blue
Weight	35 g
Surface Resistance	10e3 ~10e5 ohm

Non-woven hair cap

Item Code	M09D-000
Material	Non-woven fabric
Size	21", 23"
Color	White, Blue
Weight	10, 20, 30 g
Packing	100 pcs/bag, 10 bags/ctn

Laboratories · Food processing facilities · Electronic manufacturing factories · Hospitals · Interior shops

Features

- Lightweight and breathable material
- Comfortable and easy to wear
- Single use only
- Various options
  - 3 options by weight (10 g, 20 g, 30 g)
  - 2 options by color (white, blue)
  - 2 options by size (21", 23")