



Our Brand:



Catalogue

## **Certificates**







Certificate of (GMP)



ISO 9001:2015



HACCP



SNI ISO 13485 : 2016

 Certificate of Manufacturing Medical Devices by ministry of REPUBLIC INDONESIA (FK. 01.02./VI/403/2017) \*\* - Certificate of good Manufacturing Practices (GMP) of Medical Device by ministry of REPUBLIC INDONESIA (FK. 01. 04./VI/233/2019) \*Similar to ISO 13485 Medical Device\*

PPE acording to the WHO standard for handling pandemic & virus disaster as follows :



### **Biohazard Performance**

ISO 13688 General Requierements for ISO 13034 Disposables protective clothing

\* Material laboratory tests at Intertek, Centrocot and IOM

### **Physical Performance**

ISO 13934-1 (MD/CD) : Tensile strength

EN ISO 9073-4 : Tear Resistance EN 863 : Puncture resistance

EN 530 Method 2 : Abrasion resistance

\* Material laboratory tests at Intertek

### **Whole suit Performance**

EN 14126 : Whole suit performance

\* Material laboratory tests at Intertek

### **About Us**

MEDIKA MAESINDO GLOBAL (MMG) is leading manufacturer and exporter of tech-fabric & disposables clothing for medical & industrial application. Our factory is located in central java, indonesia at industrial area which having fast access to any delivery scheme (air & sea). Our factory established to meet with market demands which offer integrated one-stop supply from raw materials (tech fabrics: spunbond, meltblown, sf micropororus, double-three layered spunbonds) to convert products in disposable protectiong clothing for medical & industrial. We are here to fullfill easy access for customers who needs simple sources of one-stop supply.

All products which we are manufacturing based on market applications. So we are giving solution of products to the market in order customer to get fit & proper products. Our factory is supported by hi-tech machination and technology, available human labor in technical and manual works. We are dedicated that all of products in biodegradable\*\*

MEDIKA MAESINDO GLOBAL (MMG) is a sister company of Maesindo Indonesia Ltd. which established in disposables hygiene protection products & food packaging for over 25 years ago which already have reputation worldwide to market in 5 continents as French-Indonesian corporation & factory. MMG also will be supported in sales by our France office for penetrating at market and giving business solution to customers.

### **Our Concerns**

- To provide the right products in quality, ecofriendly & conveniences.
- To develop the human competencies & character under good corporate governance.
- To build the community with integrity, productivity-improvement orientation, creative thinking, persistent attitude in harmonious ecosystem to sustain the superb legacy.

### Our Brand

# Solida<sup>®</sup>

Solida is Maesindo's entry level brand for its surgical wear and medical products line. The emphasis is on being affordable while still giving the required level of protection stipulated in regulations.

This line gives cash strapped customers the possibility to access disposable surgical wear and other medical products.



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Disposable Nonwoven for

Medical & Hygiene

Protective Apparels

# Respirator Mask Kn95

# Solida®

Respirator mask with KN95 standard to protect from particles as well as liquids.







### Material:

PP Spunbond Hydrophobic -Hot Air Filter - Double Meltblown -Soft PP Spunbond

Color : White Varian : KN95

### Aplication:

Some healthcare & other industries

# Solida®

The most suitable 5 ply mask for use in the operating room



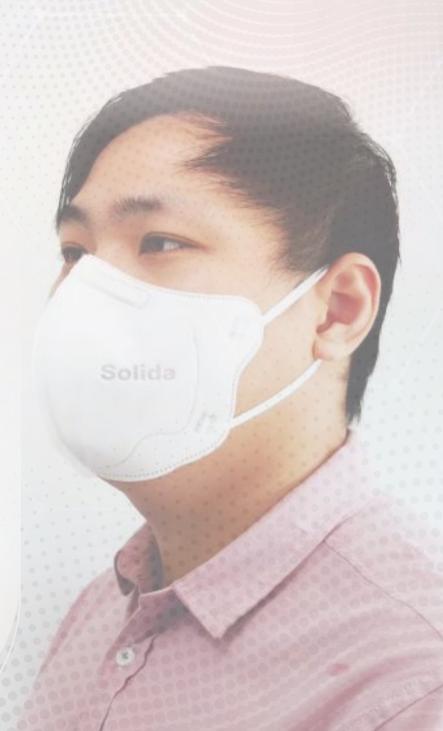
### Material:

PP Spunbond Hydrophobic -Hot Air Filter - Double Meltblown -Soft PP Spunbond

Color : White Varian : FFP2

Aplication:

Some healthcare & other industries



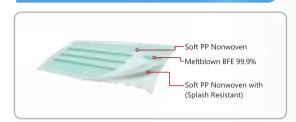
www.mmgnonwoven.com

# **Face Mask**

# Solida<sup>®</sup>

### Face mask type II



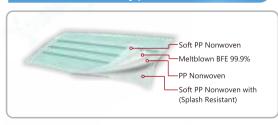


Face Mask type II Material: Soft PP Non Woven + Meltblown BFE 99.99% + Soft PP Non Woven (Splash resistant). Characteristic: Very comfowiable & easy to wear, Available with ties fastener & elastic. Colour: Green, Blue, White. Packing: 500 pcs/carton (50pcs/inner x 10).

\*produced in a clean room environment

# Solida®

## Face mask type II R





Face Mask type II R Material: (4 Plies) Soft PP Non Woven + Meltblown BFE 99.99% + Soft PP Non Woven + Soft PP Non Woven (Splash resistant). Colour: Green, Blue, White. Packing: 500 pcs/carton (50pcs/inner x 10).

\*produced in a clean room environment

Face Mask Fit 60+ Material: Soft PP Non Woven + Meltblown BFE 99.99% + Soft PP Non Woven with (Splash resistant). Characteristic: Very comfortable & easy to wear, Available with ties fastener & elastic. Colour: Green, Blue, White. Packing: 500 pcs/carton (50pcs/inner x 10).

\*produced in a clean room environment



Face mask for elderly people who needs fit & proper mask for their activities during the pandemic According to WHO (World Health Organization), elderly people requires to use Surgical/Medical Mask for their activities due to risk of infection from virus

### Solida Face Mask Type II & Type IIR tested by U.S Independent Laboratory

### Test refers to EN 14683 with requirement as follows:

Test	Type I <sup>a</sup>	Type II	Type IIR
Bacterial filtration efficiency (BFE). (%)	≥ 95	≥ 98	≥ 98
Differential pressure (Pa/cm²)	< 29,4	< 29,4	< 49,0
Splash resistance pressure (kPa)	Not required	Not required	≥ 16,0
Microbial cleanliness (cfu/g)	≤ 30	≤ 30	≤ 30

### SOLIDA - Bacterial Filtration Efficiency (BFE) Test & Breathabilty (Delta P) Test

Test Article Number	Precent BFE (%)	Delta P (mm H <sub>2</sub> O/cm <sup>2</sup> )	Delta P (Pa/cm²)
1	99,9	4,2	41,5
2	>99,9	4,1	40,3
3	>99,9	4,1	40,0
4	>99,9	4,1	39,9
5	>99,9	4,2	41,6

### SOLIDA - Viral Filtration Efficiency (VFE) Test

Test Article Number	Precent VFE (%)
1	99,7
2	99,8
3	99,5
4	99,6
5	99,7

### SOLIDA - Synthetic Blood Penetration Test

Results : Per ASTM F1862 and ISO 22609, an acceptable quality limit of 4.0% is met for a normal single sampling plan when ≥29 0f 32 test articles show passing results.

Test Pressure: 160 mmHg (21,3 kPa)

Test Article Number

1-8, 10-12, 14-32

Syntetic Blood Penetration

None Seen



# GOWN, APRON & MOB CAP

# Solida<sup>®</sup>

### **Isolation Gown With Ties**

Isolation Gown With Ties Material: Soft PP/SPP (Spunbond Polypropylene), 100% Virgin PP resins, High tensile & durability. Characteristic: Comfortable, Fastened with rope in waist, Available in elastic & cuff ordered by desireable size. Colour: White, Green & Blue.

Packing: 50 pcs/carton (1pcs/polybag x 50).



# Solida<sup>®</sup>

## Apron PE (Polyethylene)

Apron PE (Polyethylene) Material: PE (Polyethylene). Colour: White & Blue. Size: 75x125 / 25&50 micron. Packing: 50 pcs/inner (250 pcs/carton).



# Mob Cap

Mob Cap Material: Soft PP/SPP (Spunbond Polypropylene). Characteristic: Comfortable to wear, Available in one & double elastic model Any Colour.

Packing: 500 pcs/carton (50 pcs/inner x 10).



# COAT & COAT SMS

Solida®

## Visitor & Lab Coat

Visitor & Lab Coat Material: Soft PP/SPP (Spunbond Polypropylene), 100% Virgin PP resins, High tensile & durability. Characteristic: Comfortable, Soft Cuff, Available in button, velcro & zip fastener. Size: S/M/L/XL/XXXL. Colour: White, Navy Blue, & Green, Packing: 50 pcs/carton (1pcs/polybag x 50).



# **Solida**<sup>®</sup>

### **Visitor & Lab Coat**

Particle

Limited Splash





Visitor & Lab Coat

Characteristic: High tensile,

durability, comfortable & breathable, Comply with CE category III type 5,6 standard. Size: S/M/L/XL/XXXL.

Colour: White, Blue. Packing: 50 pcs/carton

(1pcs/polybag x 50).





## Coverall PP

Coverall PP Material: Soft PP/SPP (Spunbond Polypropylene), 100% Virgin PP resins, High tensile & durability. Characteristic: Comfortable, With hood & zip fastener. Size: S/M/L/XL/XXXL. Colour: White, Navy Blue, & Green. Packing: 25 pcs/carton (1pcs/polybag x 25).



# Solida<sup>®</sup>

### **Coverall Microporous**

Coverall Microporous Material: SF Microporous, Size: S/M/L/XL/XXL/XXXL. Colour: White. Packing: 25 pcs/carton (1pcs/polybag x 25).



### Type 5 - Protection against Hazardous Dust Particles

EN ISO 13982-1:2004 - Protective Clothing for use against dry particulates. performance requirements for protective clothing providing protection for the full body against airborne solid particles.



### Type 6 - Protection against reduced liquid spray

EN ISO 13034:2005 - Protective clothing against liquid chemicals. Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals.



### **Anti-Static Protective Clothing**

EN 1149-5:2008 Electrostatic dissipative clothing with a surface resistance.



# Solida<sup>®</sup>

## Coverall PP + PE Laminated

Coverall PP + PE Laminated Material: Soft PP + PE (Polyethylene) High tensile & durability. Characteristic: Comfortable,

with hood & zip fastener. Size : S/M/L/XL/XXL/XXXL.

Colour: White, Navy Blue, & Green.

Packing: 25 pcs/carton (1pcs/polybag x 25).

# SURGICAL WEAR PRODUCT



# Solida<sup>®</sup>

## **SURGICAL CAP**

Material: Non Woven Colour: Blue Medical

Packing: 50 pcs / polybag, 500 pcs / carton

100 pcs / innerbox, 500 pcs/ carton



# Solida<sup>®</sup>

### **NURSE CAP**

Material: Soft PP / SPP (Spunbond Polypropylene)

Colour : Any colour

Packing: 50 pcs / polybag, 500 pcs / carton

100 pcs / innerbox, 500 pcs/ carton

# Solida<sup>®</sup>

# SURGICAL GOWN

STANDARDS / REQUIRE	MENTS		
US Standard		EU Standard	
Standard	Classification	Standard	Classification
ANSI/AAMI PB70	Level 1	EN 13795	Standard
	Level 2		Performance
	Level 3		High Performance
	Level 4		Performance

### **ISOLATION GOWN**





AAMÌ Level 1

### Application

- 1. Examination
- 2. Minor Surgery
  - ENT
  - Opthalmological
  - Others

### **Specification**

Blue Soft SPP 20 -45 gsm 50 pcs/carton Sterile / No Sterile Pack

### **ISOLATION GOWN**





AAMĬ Level 2

### **Application**

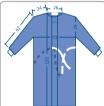
- 1. Examination
- 2. Low Surgery Procedures
  - Open Hernia
  - Endoscopic gastrointenstinal
  - Others

### **Specification**

- Blue SMMS 20 -45 gsm50 pcs/cartonSterile / No Sterile Pack
- -Blue PP + PE Laminated 35 gsm, 50 pcs/carton Sterile/No Sterile Pack

### SURGICAL GOWN





AAMI Level 3

### Application

- 3. Moderate Surgery
  - One of Orthopedic Procedures
  - Urological Procedures
  - Obstetrics and gynaecology
  - Others

### **Specification**

Blue SMMS 45 gsm 50 pcs/carton Sterile Pack

### **SURGICAL GOWN**





AAMÌ Level 4

### Application

- 4. High-Risk Surgery
  - Cesarean Procedures
  - Spine Procedures
  - Craniotomy procedures
  - Laparatomy Procedures
  - Others

### Specification

Blue SFS 65 gsm 50 pcs/carton Sterile Pack

### **REINFORCED SURGICAL GOWN**





AAMÌ Level 4

### Application

- 5. High-Risk Surgery
  - Cesarean Procedures
  - Spine Procedures
  - Craniotomy procedures
  - Laparatomy Procedures

### Specification

Blue SMMS + SMS-PE Laminated 50 pcs/carton Sterile Pack

### **SURGICAL GOWN**

### LAB TEST

### **Water Resistance: Impact Penetration Final Report**

Sumary: This test method was performed to evaluate the resistance of a material to the penetration of water by impact using the Type I Tester apparatus. The impact penetration test method compiles with AATC Test Method 42 and is in accordance with ANSI/AAMI PB70. Sampling was at the discretion of the sponsor. All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulation 21 CFR Parts 210,211 and 820.

### Results:

Test Article Number	Visual Penetration	Amount of Penetration (g)
1	None Seen	< 0,1
2	None Seen	< 0,1
3	None Seen	< 0,1
4	None Seen	< 0,1
5	None Seen	< 0,1

Average Amount of Penetration: <0,1 g

### Water Resistance: Hydrostatic Pressure Final Report

Sumary: This test method was performed to evaluate the resistance of a material to the penetration of water under hydrostatic pressure using apparatus option 2: Hydrostatic Head Tester. The hydrostatic pressure test method complies with AATCC Test Method 127, ANSI/AAMI Pb70, and ISO 811; sampling was at the discretion of the sponsor. ALL test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulation 21 CFR Parts 210, 211 and 820.

### Results:

Test Article Number	Failure Pressure (cm H <sub>2</sub> O)
1	55,6
2	62,2
3	56,6
4	62,7
5	51,0

Average Failure Pressure: 57.6 cm H<sub>2</sub>O

**Test Method Acceptance Criteria :** Testing was performed using a rate of increase (pressure gradient) of 10 mbar per minute, 60 mbar per minute, and/or other pressure gradients requested by the sponsor.

# SURGICAL SETS PRODUCT





# SURGICAL CESAREAN SETS

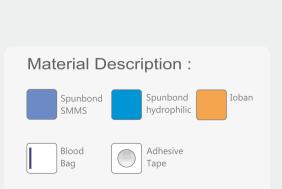


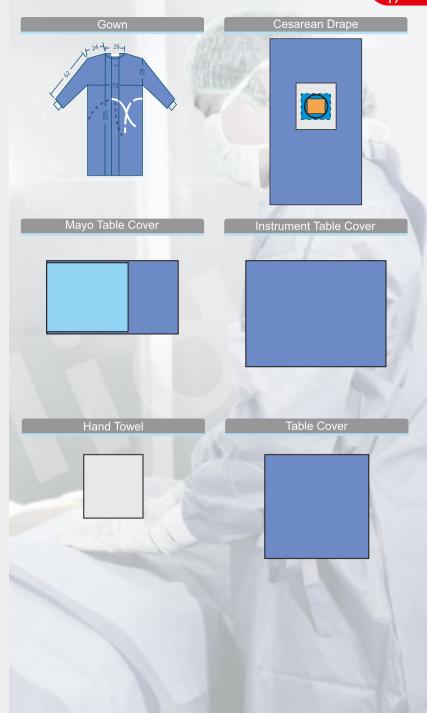
### Material Drape:

- SMMS

### Content:

3 pcs	Surgical Gown	
1 pc	Cesarean Drape	160 x 290 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
3 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm





# Solida<sup>®</sup> AAMi Level 3

# SURGICAL **UNIVERSAL SETS**



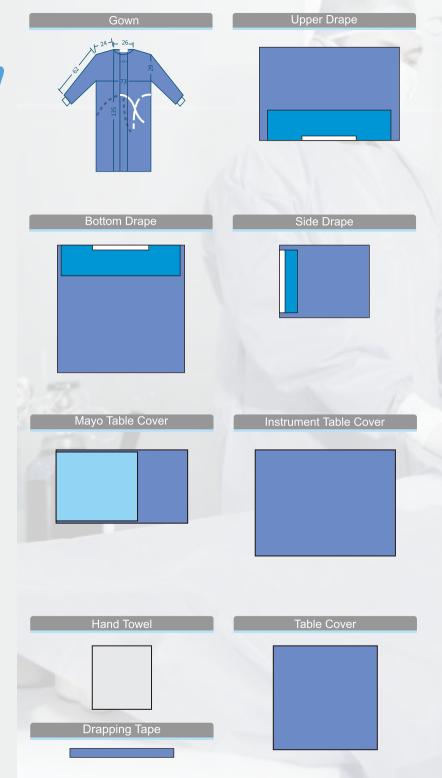
### Material Drape:

- SMMS

### Content:

3 pcs	Surgical Gown	
1 pc	Top Drape	120 x 180 cm
1 pc	Bottom Drape	160 x 160 cm
2 pcs	Side Drape	80 x 100 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
3 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm
4 pcs	Drapping Tape	5 x 60 cm







# SURGICAL UNIVERSAL SINGLE SETS



### Material Drape:

- SMMS

### Content:

3 pcs	Surgical Gown	
1 pc	Universal Single Drape	160 x 290 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
3 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm

### Material Description:















Adhesive





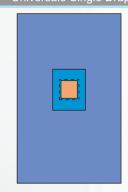
Mayo Table Cover



Hand Towel



### Universalo Single Drape



Instrument Table Cover



Table Cover



# Solida® AAMi Level 4

# SURGICAL SPINAL SETS

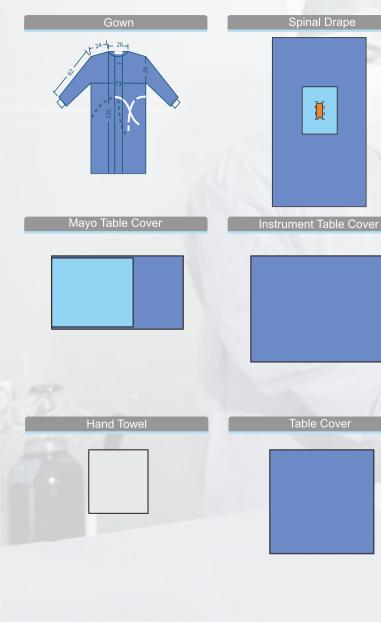


### Material Drape:

- SFS

### Content:

3 pcs	Surgical Gown	
1 pc	Spinal Drape	160 x 290 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
3 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm



### Material Description:

















Adhesive



# SURGICAL OPHTHALMIC SETS



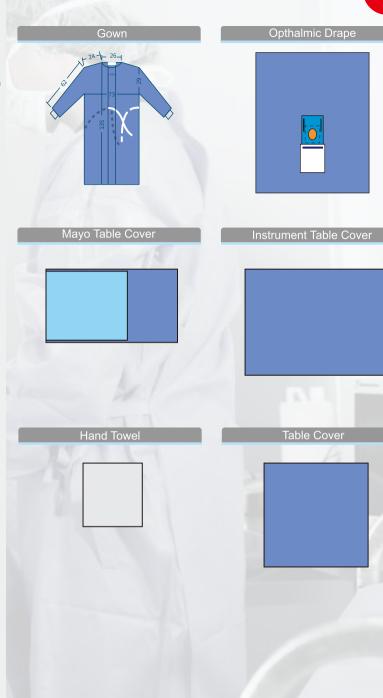
### Material Drape:

- SMMS

### Content:

2 pcs	Surgical Gown	
1 pc	Ophthalmic Drape	80 x 100 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
2 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm





# Solida® AAMT Level 2

# SURGICAL ENT SETS

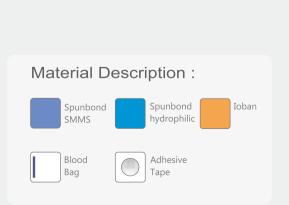


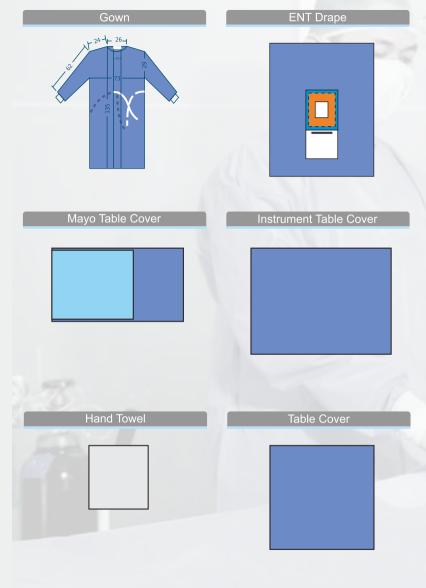
### Material Drape:

- SMMS

### Content:

2 pcs	Surgical Gown	
1 pc	ENT Drape	80 x 100 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
2 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm







# **SURGICAL** ORTHOPEDIC ARM SETS



### Material Drape:

- SMMS

### Content:

3 pcs	Surgical Gown	
1 pc	Arm Orthopedic Drape	160 x 200 cm
1 pc	Drape	120 x 160 cm
1 pc	Arm Cover	25 x 75 cm
2 pcs	Tape Band	5 x 60 cm
2 pcs	Blood Bag	34 x 45 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
3 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm

### Material Description:





Spunbond hydrophilic





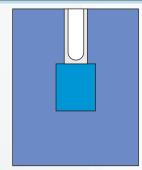


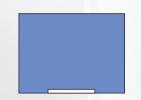


Adhesive Таре









Blood Bag



Instrument Table Cover



Table Cover



# Solida® AAMi Level 4

# **SURGICAL** ORTHOPEDIC LEG SETS

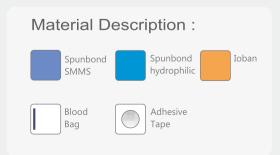


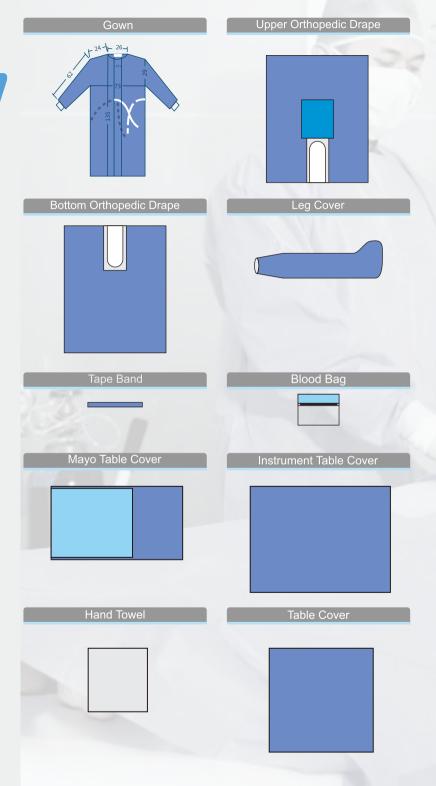
### Material Drape:

- SMMS

### Content:

3 pcs	Surgical Gown	
1 pc	Upper Orthopedic Drape	160 x 200 cm
1 pc	Bottom Orthopedic Drape	160 x 200 cm
1 pc	Leg Cover	35 x 100 cm
2 pcs	Tape Band	5 x 60 cm
2 pcs	Blood Bag	35 x 70 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
3 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm







# SURGICAL CRANIOLOGY SETS



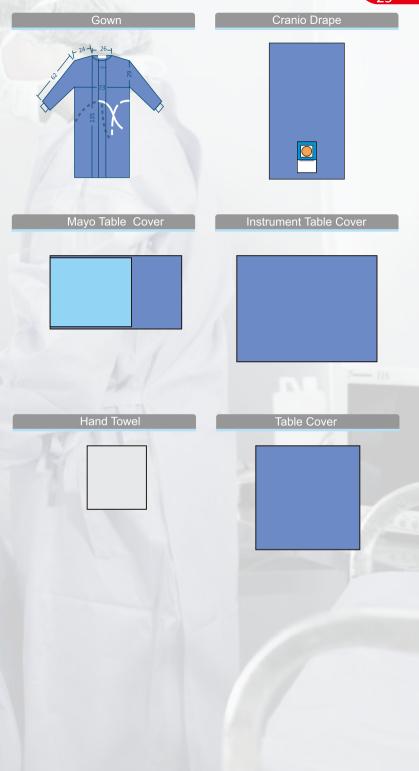
### Material Drape:

- SMMS

### Content:

3 pcs	Surgical Gown	
1 pc	Cranio Drape	160 x 290 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
3 pcs	Hand Towel	37,5 x 40 cm
1 pc	Table Cover	120 x 120 cm







# **SURGICAL** GYNAECOLOGY SETS



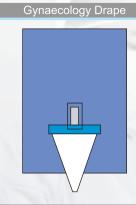
### Material Drape:

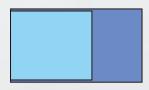
- SMMS

### Content:

3 pcs	Surgical Gown	
1 pc	Gynaecology Drape	160 x 200 cm
1 pc	Mayo Cover	70 x 130 cm
1 pc	Instrument Table Cover	120 x 160 cm
3 pcs	Hand Towel	37,5 x 40 cm
2 pcs	Table Cover	120 x 120 cm







Instrument Table Cover



Hand Towel



Table Cover



### Material Description:











Blood Bag



Adhesive Таре



# CESAREAN DRAPE



Material: - SMMS

Content:

1 pc Drape Cesarean 160 x 290 cm

### Material Description:









Adhesive Tape

# Solida<sup>®</sup>

# UNIVERSAL DRAPE

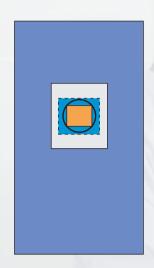


Material: - SMMS

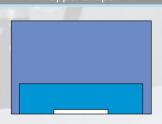
### Content:

1 pc	Top Drape	120 x 180 cm
1 pc	Bottom Drape	160 x 160 cm
2 pcs	Side Drape	80 x 100 cm
4 pcs	Drapping Tape	5 x 60 cm

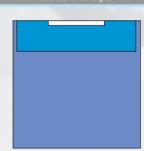
### Cesarean Drape



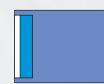
### Upper Drape



Bottom Drape



Side Drape



# UNIVERSAL SINGLE DRAPE



Material : - SMMS

Content:

1 pc Drape Universal Single

160 x 290 cm





Sp hy unbond drophilic







Adhesive Tape

# Solida®

# SPINAL DRAPE



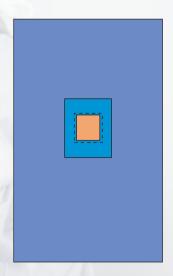
Material : - SMMS

Content:

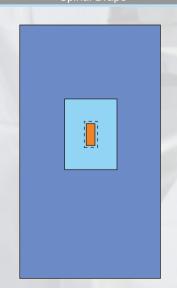
1 pc Drape Spinal

160 x 290 cm

### Universal Single Drape



### Spinal Drape



# ARM OERTHOPEDIC DRAPE



Material : - SMMS

### Content:

1 pc	Drape Arm Orthopedic	160 x 200 cm
1 pc	Drape	120 x 160 cm
1 pc	Arm Cover	25 x 75 cm
2 pcs	Tape Band	5 x 60 cm
2 pcs	Blood Bag	34 x 45 cm

### Material Description:













# Solida<sup>®</sup>

# LEG ORTHOPEDIC DRAPE

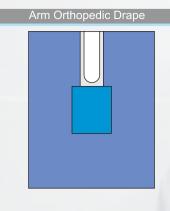


Material:

### Content:

1 pc	Upper Orthopedic Drape	160 x 200 cm
1 pc	Bottom Orthopedic Drape	160 x 200 cm
1 pc	Leg Cover	35 x 100 cm
2 pcs	Tape Band	5 x 60 cm
2 pcs	Blood Bag	35x 70 cm

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Arm Cover

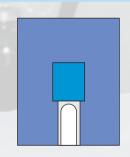


Blood Bag



Tape Band

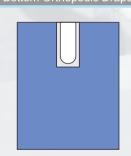
Upper Orthopedic Drape



Leg Cover



Bottom Orthopedic Drape



Tape Band

Blood Bag



# OHPTHALMIC DRAPE



Material: - SMMS

Content:

1 pc Drape Ophthalmic 80 x 100 cm

Opthalmic Drape

Material Description:













# Solida<sup>®</sup>

# ENT DRAPE



Material:

- SMMS

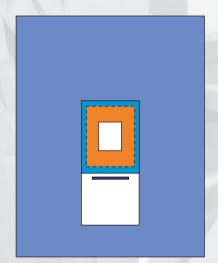
Content:

1 pc

Drape ENT

80 x 100 cm





## CRANIOLOGY DRAPE



Material:

- SMMS

Content:

1 pc

Drape Cranio

160 x 290 cm





ond











Adhesive Tape

# Solida<sup>®</sup>

## GYNAECOLOGY DRAPE



Material:

- SMMS

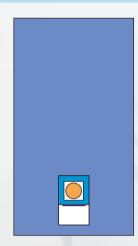
### Content:

1 pc

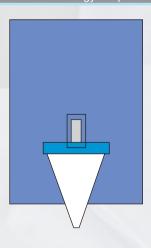
Drape Gynaecology / Partus

160 x 200 cm

### Partus Drape



### Craniology Drape





### **Head Office & Factory**

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