



# PERSONAL PROTECTIVE EQUIPMENTS FOR HEALTHCARE



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# SURGICAL GOWN

Bharat Medical Technology Manufactured top notch quality of surgical gown to provide the safety in all the concern comes in health care sector. we care for all kind of healthcare practitioner who are working in normal level of risk to the highest level of risk.

Bharat Medical Technology manufactured four level of surgical gown as follow:

- AAMI Level 1
- AAMI Level 2
- AAMI Level 3
- AAMI Level 4



## PROTECT FROM



**SPLASHES**



**BACTERIA**



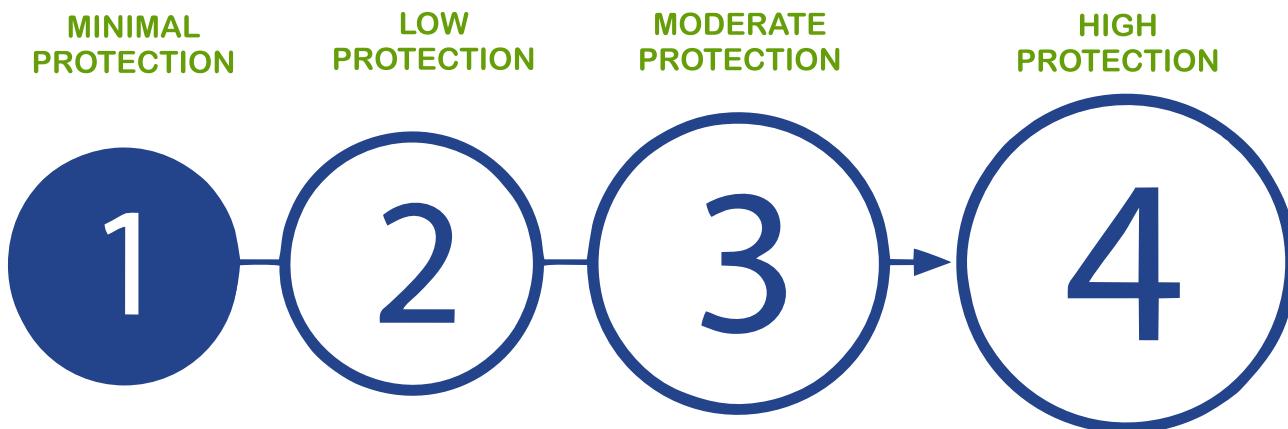
**VIRUSES**



**DUST**



## PROVIDE A SLIGHT BARRIER TO SMALL AMOUNT FLUID.



### APPLICABILITY:

- ✓ Basic care
- ✓ Standard hospital medical unit

### PERFORMANCE TESTING:

1. AATCC 42 impact penetration –water 4.5g

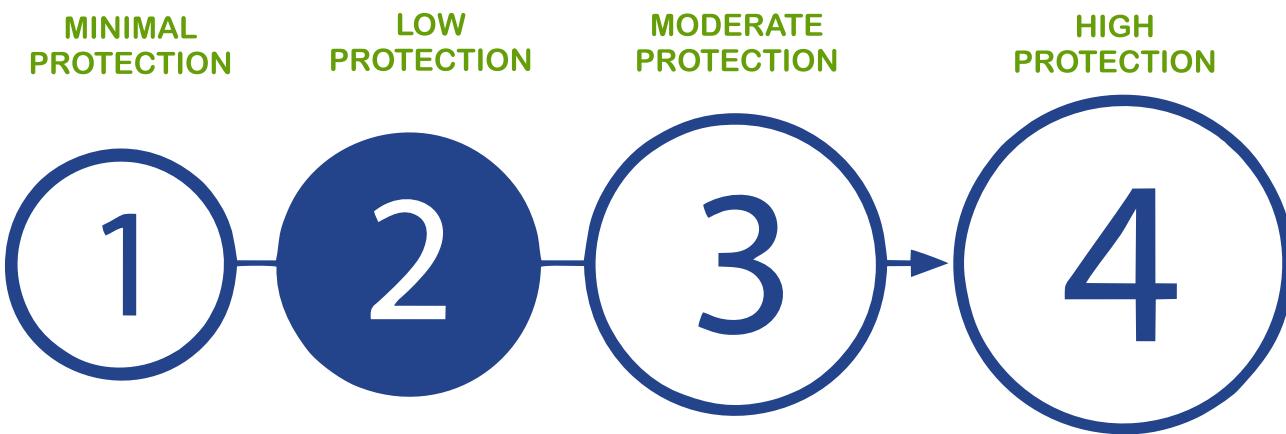
### SAFETY TESTING:

1. Biocompatibility ISO 10993 – Skin irritation & Skin sensitization.
2. ASTM F1671 standard:
  - ✓ Lint generation: ISO 9073 part 10
  - ✓ Water vapour transmission(Breathability):ASTM D6701
  - ✓ Flammability





# PROVIDES A BARRIER TO MODERATE AMOUNT OF FLUID



## APPLICABILITY:

- ✓ Blood draw from vein
- ✓ Suturing
- ✓ Intensive care unit
- ✓ Pathology lab

## PERFORMANCE TESTING:

1. AATCC 42 impact penetration –water 1.0g  
AATCC 127 Hydrostatic pressure – water 20cm
2. Dry microbial test

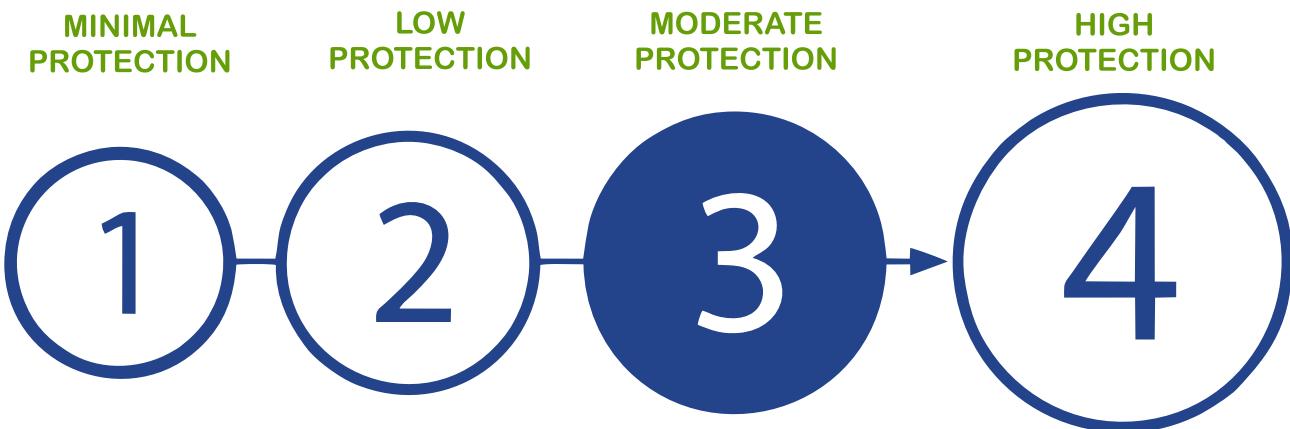
## SAFETY TESTING:

1. Biocompatibility ISO 10993 – Skin irritation & Skin sensitization.
2. Sterilization method and validation.
3. ASTM F1671 standard:
  - ✓ Tensile strength: ASTM D5034/ASTM D1682
  - ✓ Tear resistance: ASTM D5587 /ASTM D1424
  - ✓ Seam strength: ASTM D751
  - ✓ Lint generation: ISO 9073 part 10
  - ✓ Water vapour transmission(Breathability):ASTM D6701
  - ✓ Flammability





# PROVIDES A BARRIER TO LARGER AMOUNT OF FLUID



## APPLICABILITY:

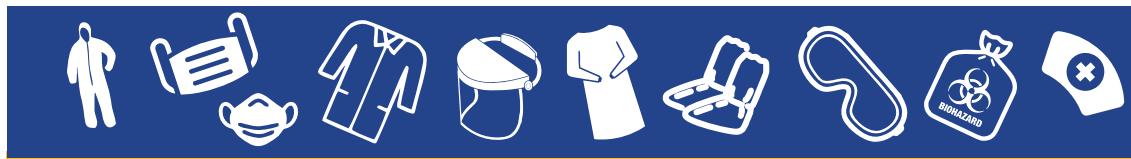
- ✓ Used in widest range of surgical procedure where moderate fluid protection is indicated i.e. Arterial blood draw, Inserting an IV, Emergency room, Trauma

## PERFORMANCE TESTING:

1. AATCC 42 impact penetration –water 1.0g  
AATCC 127 Hydrostatic pressure – water 50cm
2. Dry microbial test

## SAFETY TESTING:

1. Biocompatibility ISO 10993 – Skin irritation & Skin sensitization.
2. Sterilization method and validation.
3. ASTM F1671 standard:
  - ✓ Tensile strength: ASTM D5034/ASTM D1682
  - ✓ Tear resistance: ASTM D5587 /ASTM D1424
  - ✓ Seam strength: ASTM D751
  - ✓ Lint generation: ISO 9073 part 10
  - ✓ Water vapour transmission(Breathability):ASTM D6701
  - ✓ Flammability





# PROVIDES A BARRIER TO HIGHEST FLOOD & MICROBIAL



- Prevents all fluid penetration for up to 1 hour
- Prevents virus protection for up to 1 hour

## APPLICABILITY:

- ✓ Pathogen resistance
- ✓ Infectious diseases (non-airborne)
- ✓ Large amount of fluid exposure over long period

## PERFORMANCE TESTING:

1. ASTM F1670- synthetic blood penetration Test (for drapes) – No penetration at 2psi  
ASTM F1671- viral penetration test (for surgical and isolation gown) - No penetration at 2psi
2. Dry microbial test.

## SAFETY TESTING:

1. Biocompatibility ISO 10993 – Skin irritation & Skin sensitization.
2. Sterilization method and validation.
3. ASTM F1671 standard:
  - ✓ Tensile strength: ASTM D5034/ASTM D1682
  - ✓ Tear resistance: ASTM D5587 /ASTM D1424
  - ✓ Seam strength: ASTM D751
  - ✓ Lint generation: ISO 9073 part 10
  - ✓ Water vapour transmission(Breathability):ASTM D6701
  - ✓ Flammability



# SURGICAL DRAPE



Bharat Medical Technology drapes are designed to give you and your patients one less worry and include the following features:

Maximum rating for flame resistance  
Low-lint generation to reduce the risk of airborne bacterial transmission  
Protect from all virus, bacteria, splashes and dust during surgery.

Bharat Medical Technology have wide range of one of premium quality drapes as follow:

Ophthalmic drapes  
Orthopaedic drapes  
Gynaecology drapes  
Neurology drapes  
Urology drapes  
General surgery drapes.



# BEDSHEETS



Bharat Medical technology is one of the leading manufacturer of disposable bed sheet which are very premium and wide range of variety and sizes available. we are also provide customised size to fit any bed as per customers requirements.

Disposable bed sheet rolls are an easy and convenient way to keep your bed clean and comfortable.

It is made from a variety of materials, including PP, SMS, and Spunlace. It is available in a variety of sizes to fit any bed. It is also designed for different applications.

They are hypo allergenic and safe for people with allergies or sensitive skin.

They can be used on both sides, so you don't have to worry about flipping them over.

## USES

- A convenient and easy way to keep your bedding clean.
- Perfect for travel.
- Affordable and economical.



# UNDER PAD



## INTENDED USE OF DEVICE:

Under pads are super absorbent pads typically used to protect the mattress from urine damage. The pad is placed above or below the linens (personal preference) and absorbs leaking liquid.

## SPECIFICATION UNDERPAD:

- Large (90 x 60 ± 5 cm –Length x Width)
- Material: Polypropylene Spun bond Nonwoven Fabric
- Individual Weight of Underpad(Large): 72.05± 0.5Gm.
- Soft Non-woven Surface: Soft & Comfortable feels like bed only
- Anti-bacterial Super Absorbent Polymer: Ensures comfortable, Absorbs Liquid Quickly, Keeps the surface Dry

## USAGE:

Effective prevention from soiling of Bed / Mattress by Bedridden Patient suffering from Incontinence at Home or Hospital.

Ideal for homes with new born babies.



**SAFE  
SECURE  
HYGIENE**

**vio shield**  
**Safe Secure & Hygiene**



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