Disposable and Surgical Isolation Gowns

Inngen

Inngen Products
2020

CE

ISO 9001:2015 ISO 14001:2015 ISO 113485:2016 OHSAS 18001:2007 ISO 26000:2010 ISO 22301:2014 ISO 27001:2013

FDA

Protective materials

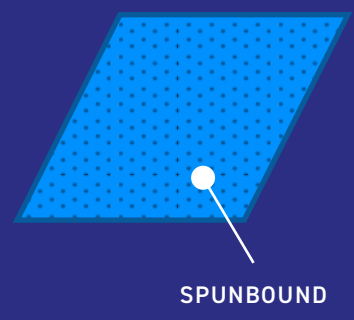
Product range amd materials descriptions

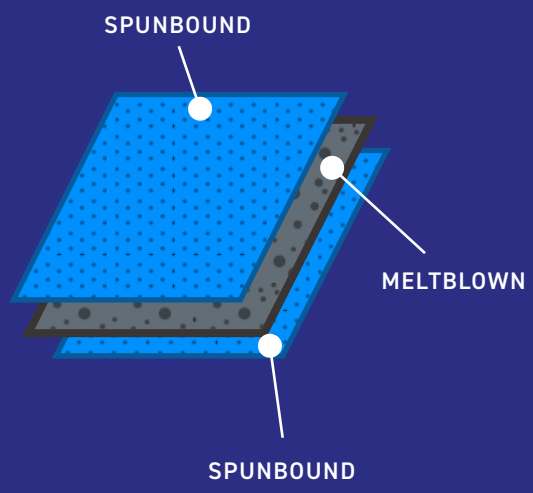
In-001

SPUNBOND POLYPROPYLENE

Standard, cost-effective and comfortable

For basic infection control, this non-woven fabric bonds fibers together to form a single layer that is appropriate only for very minimal fluid exposure.





In-002

SMS MATERIAL

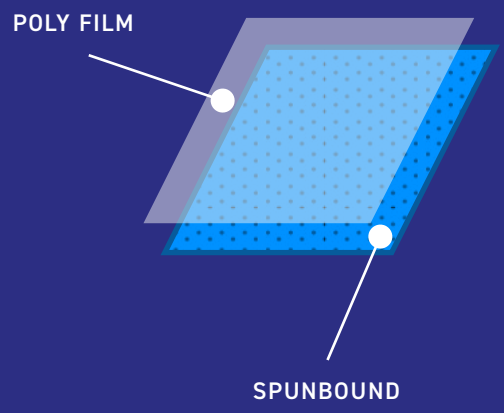
Balanced mix of protection and comfort

Strong and breathable, Spunbond/Meltblown/ Spunbond (SMS) is a multi-layer fabric composed of inner layers of meltblown polypropylene between outer layers of spunbond polypropylene that is ideal for extended wear. Light/medium weight SMS is appropriate for low amounts of fluid and heavy weight SMS maybe appropriate for moderate contact with fluids.

In-003

COATED POLYPROPYLENE

Soft, spunbond polypropylene is coated with a layer of polyethylene (plastic) film.



IN-001

Isolation Gown Light Weight PP

Our products provide high protection and great comfort

Meets AAMI level 1 requirements

Light PP fabric

Natural rubber latex-free

Anti-static treated fabric

Compliance with
EN ISO 13485:2016
EN 14971:2012
EN ISO 15223-1:2016

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Personal Protective Equipment (PPE) is a two-way street. Originally developed to protect the healthcare worker, PPE when used properly can also represent the first line of defense against contact transfer of pathogens like MRSA and viruses like Covid-19.

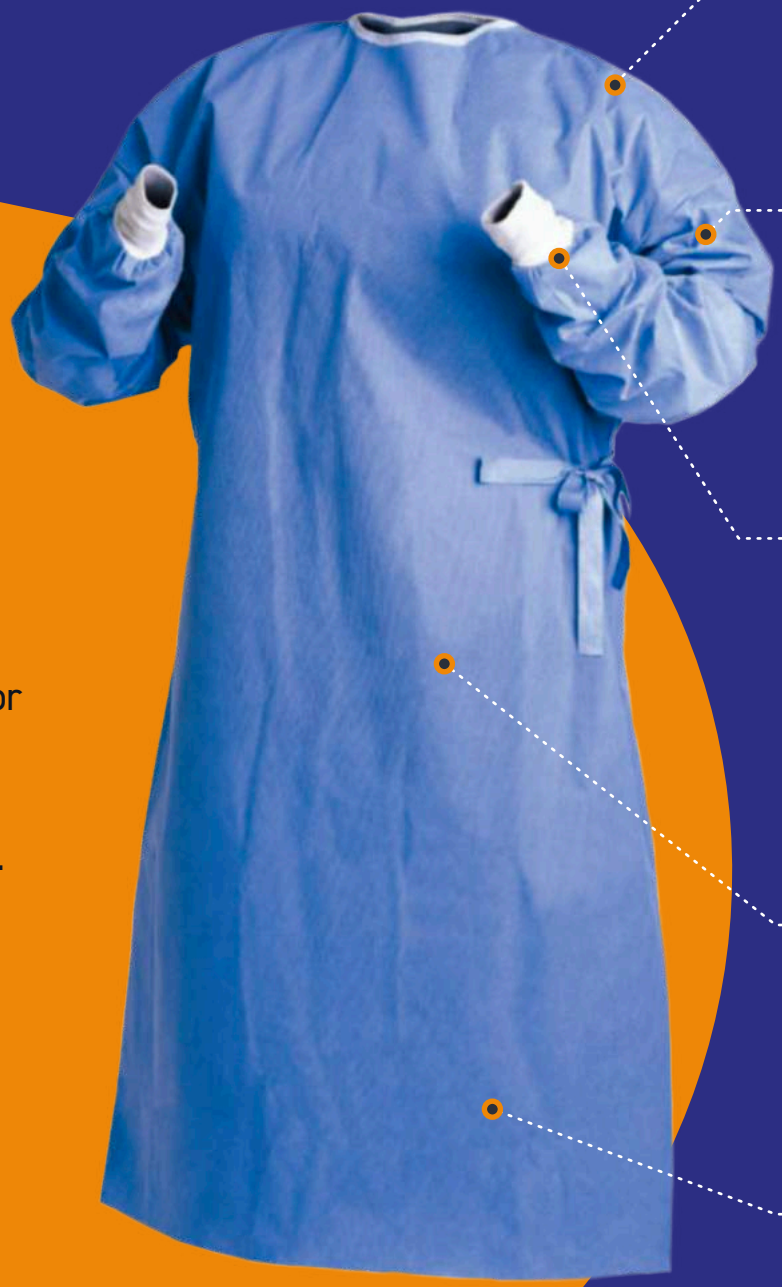
Isolation gown

IN-001

Basic spunbond polypropylene gown Comfort and protection for use in very minimal fluid settings. Generously sized for greater coverage and flexibility.

Knit cuffs, ties at the neck and waist, breathable back

Size
S to XL



Neck Hook & Loop Fastening
For ease of adjustment and fit.

Ultrasonically bonded sleeves
Maximum protection in critical areas

Flexible cuffs
Reduces chance of skin debris being trasferred to patient while maintaining dexterity

Anti-alcohol and anti-static treatment
Enhances safety and clinical comfort

Side fastening
Support clinical protocols of gown donning

Suitable for health care workers and visitors, helps to prevent contamination with particulates.

IN-002

Isolation Gown Medium Weight SMS

Our products provide high protection and great comfort

Meets AAMI level 2 requirements

Medium Weight SMS

Natural rubber latex-free

Anti-static treated fabric

Compliance with
EN13795
EN ISO 13485:2016
EN 14971:2012
EN ISO 15223-1:2016

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Using the latest advancements in SMS technology, gown offer outstanding softness and enhanced breathability. This lightweight line has great moisture evaporation, leaving the wearer cool and dry.

Isolation gown

IN-002

Fluid Resistant, Isolation Gown - Medium Weight, SMS Suitable for procedures with moderate risks of exposure to nonbiological fluids.

Knit cuffs, ties at the neck and waist, breathable back

Size
S to XL

Neck Hook & Loop Fastening
For ease of adjustment and fit.

Ultrasonically bonded sleeves
Maximum protection in critical areas

Flexible cuffs
Reduces chance of skin debris being trasferred to patient while maintaining dexterity

Anti-alcohol and anti-static treatment
Enhances safety and clinical comfort

Side fastening
Support clinical protocols of gown donning

Class 3 Resistance
penetration by contaminated solid particles
ENISO 22612 per EN 14126

Class 6 Resistance
bacterial penetration
EN ISO 22610 per EN 14126

Resistance
liquid penetration
>200 cmH_2O

IN-003

Surgical Laminated Gown SMS 45 GSM

Our products provide high protection and great comfort

Meets AAMI level 3 requirements

SMS 45 GSM

Natural rubber latex-free

Anti-static treated fabric

Compliance with
EN13795
EN ISO 13485:2016
EN 14971:2012
EN ISO 15223-1:2016

High performance gown with microporous film technology, this surgical gown offers a superb combination of protection and comfort. Gown blocks fluids while still allowing moisture vapour to escape, keeping the wearer dry and comfortable.

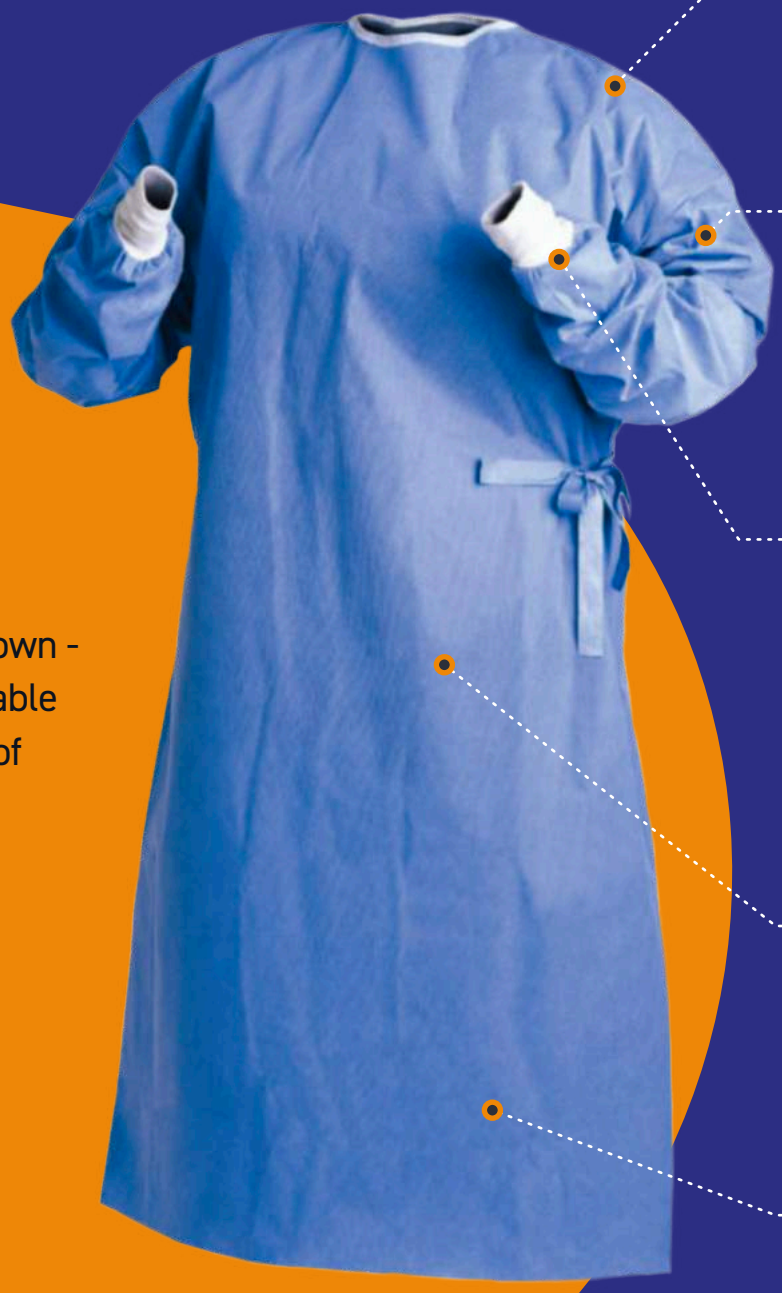
Surgical laminated gown

IN-003

Surgical Laminated Isolation Gown - SMS 45 GSM Microporous Suitable for procedures with high risks of exposure to fluids.

Knit cuffs, ties at the neck and waist, breathable back

Size
S to XL



Neck Hook & Loop Fastening
For ease of adjustment and fit.

Ultrasonically bonded sleeves
Maximum protection in critical areas

Flexible cuffs
Reduces chance of skin debris being trasferred to patient while maintaining dexterity

Anti-alcohol and anti-static treatment
Enhances safety and clinical comfort

Side fastening
Support clinical protocols of gown donning

Class 3 Resistance
penetration by contaminated solid particles
ENISO 22612 per EN 14126

Class 6 Resistance
bacterial penetration
EN ISO 22610 per EN 14126

Resistance
liquid penetration
>500 cm H_2O

IN-004

Surgical Laminated Gown Height Weight PP+PE Lamination

Our products provide high protection and great comfort

Meets AAMI level 4 requirements

Height weight PP+PE

Natural rubber latex-free

Anti-static treated fabric

Compliance with
EN13795
EN ISO 13485:2016
EN 14971:2012
EN ISO 15223-1:2016

High performance gown with microporous film technology, this surgical gown offers a superb combination of protection and comfort. Gown blocks fluids while still allowing moisture vapour to escape, keeping the wearer dry and comfortable.

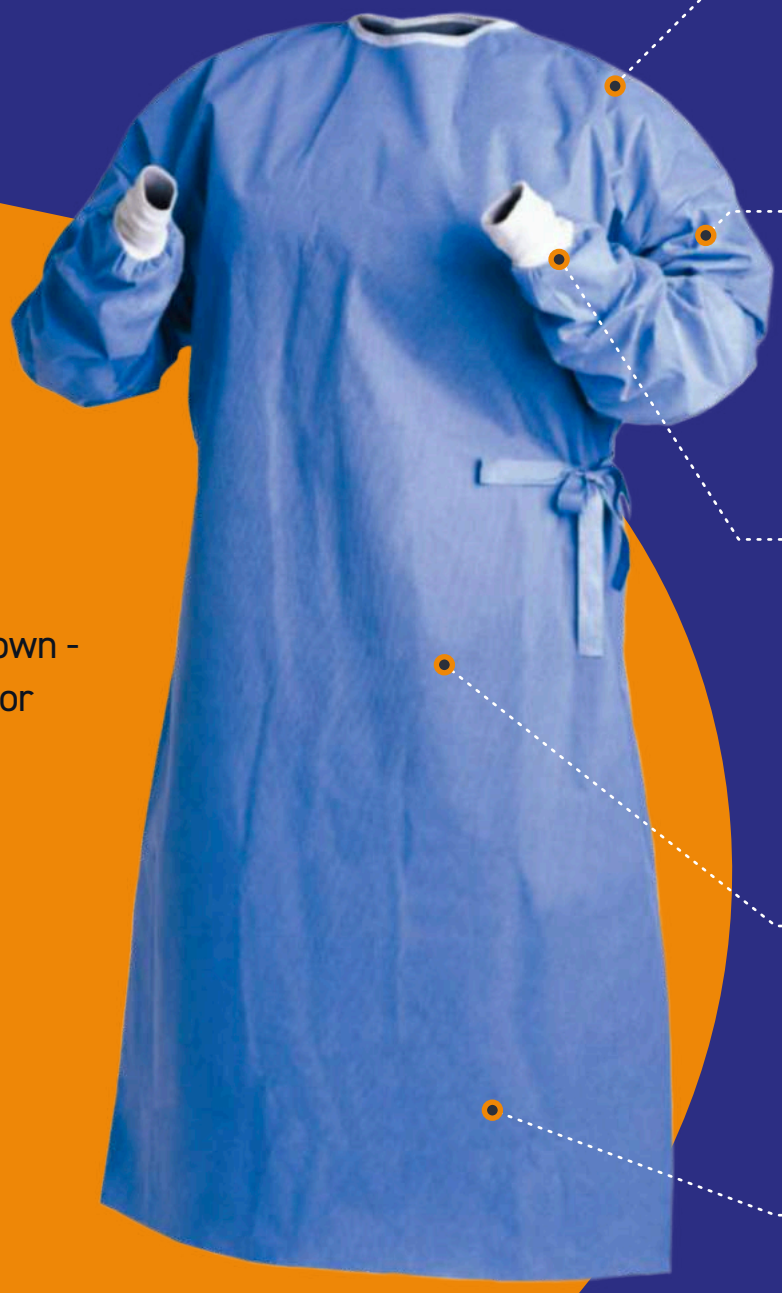
Surgical laminated gown

IN-004

Surgical Laminated Isolation Gown - PP + PE Microporous Suitable for procedures with high risks of exposure to fluids.

Knit cuffs, ties at the neck and waist, breathable back

Size
S to XL



Neck Hook & Loop Fastening
For ease of adjustment and fit.

Ultrasonically bonded sleeves
Maximum protection in critical areas

Flexible cuffs
Reduces chance of skin debris being trasferred to patient while maintaining dexterity

Anti-alcohol and anti-static treatment
Enhances safety and clinical comfort

Side fastening
Support clinical protocols of gown donning

Class 3 Resistance
penetration by contaminated solid particles
ENISO 22612 per EN 14126

Class 6 Resistance
bacterial penetration
EN ISO 22610 per EN 14126

Resistance
liquid penetration
>500 cm H_2O

USA Levels of Barrier Protection Standards

AAMI (The Association for the Advancement of Medical Instrumentation®) PB70 guidelines

Level 1

Minimal fluid levels

AATCC 42

Impact penetration

Measures the resistance of fabrics to the liquid penetration of water by impact.

< 4.5 g

AATCC 127

Hydrostatic pressure

Measures the resistance of fabrics to the liquid penetration of water by impact under constant and increasing hydrostatic pressure.

> 20 cm

Level 2

Low fluid levels

AATCC 42

Impact penetration

Measures the resistance of fabrics to the liquid penetration of water by impact.

< 1.0 g

AATCC 127

Hydrostatic pressure

Measures the resistance of fabrics to the liquid penetration of water by impact under constant and increasing hydrostatic pressure.

> 50 cm

Level 3

Moderate fluid levels

AATCC 42

Impact penetration

Measures the resistance of fabrics to the liquid penetration of water by impact.

< 1.0 g

Level 4

Hight fluid levels

ASTM F1671

Viral penetration

Measures the resistance of materials used in protective penetration by blood borne pathogens using a surrogate microbe under conditions of continuous liquid contact.

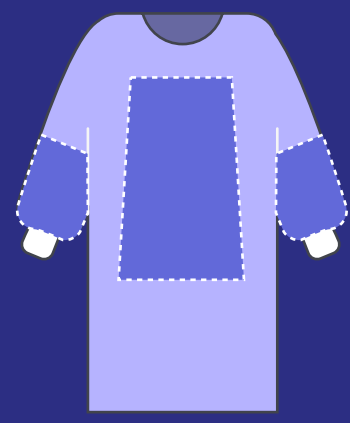
Impervious

Association for the Advancement of Medical Instrumentation. Liquid Barrier Performance and Classification of Protective Apparel and Drapes Intended for use in Health Care Facilities. ANSI/AAMI PB70:2012. Arlington, VA: AAMI.

EU performance requirements and performance levels for surgical gowns EN 13795

Performance requirements for surgical gowns

Characteristic	Standard performance		Hight performance	
	Critical area	Less critical area	Critical area	Less critical area
Resistance To Microbial Penetration – Dry Log_{10} (CFU)	N/A	⩽ 2[a, c]	N/A	⩽ 2[a, c]
Resistance To Microbial Penetration – Wet BI	⩾ 2,8[b]	N/A	⩾6,0[b,d]	N/A
Cleanliness – Microbial Log_{10} (CFU/dm²)	⩽ 2[c]	⩽ 2[c]	⩽ 2[c]	⩽ 2[c]
Cleanliness – Particulate Matter IPM	⩽ 3,5	⩽ 3,5	⩽ 3,5	⩽ 3,5
Linting Log_{10} (5m count)	⩽ 4,0	⩽ 4,0	⩽ 4,0	⩽ 4,0
Resistance to Liquid Penetration cm H_2O	⩾ 20	⩾ 10	⩾ 100	⩾ 10
Bursting Strength – Dry kPa	⩾ 40	⩾ 40	⩾ 40	⩾ 40
Bursting Strength – Wet kPa	⩾ 40	N/A	⩾ 40	N/A
Tensile Strength – Dry N	⩾ 20	⩾ 20	⩾ 20	⩾ 20
Tensile Strength – Wet N	⩾ 20	N/A	⩾ 20	N/A



[a] Test conditions: challenge concentration 108 CFU/g talc, and 30 minutes vibration time.

[b] The Least Significant Difference (LSD) for BI when estimated using EN ISO 22610, was found to be 0,98 at the 95% confidence level. This is the minimum difference needed to distinguish between two materials thought to be different. This means materials varying by up to 0,98 BI are probably not different; materials varying by more than 0,98 BI probably are different. (The 95% confidence level means that an observer would be correct 19 times out of 20 to accept these alternatives).

[c] For the purpose of this standard, logl 0 CFU² 2 means maximum 300 CFU.

[d] BI = 6,0 for the purpose of this standard means: no penetration. BI = 6,0 is the maximum achievable value.

Packaging details

1.16 CM

0.73 CM

80
CARTON QUANTITY

10/11
WEIGHT

40-60-40
DIMENSION

1.18 CM

0.75 CM

80
CARTON QUANTITY

10/11
WEIGHT

40-60-40
DIMENSION

1.20 CM

0.77 CM

80
CARTON QUANTITY

10/11
WEIGHT

40-60-40
DIMENSION

1.22 CM

0.79 CM

80
CARTON QUANTITY

10/11
WEIGHT

40-60-40
DIMENSION