



PROTECTION APPAREL



CROSS PROTECTION (M) SDN BHD
No.11, Jalan Perindustrian 5, Batu 5 1/2,
Off Jalan Haji Abdul Manan, 41050 Klang,
Selangor, Malaysia.

✉ operation@crossprotection.com
marketing@crossprotection.com
sales@crossprotection.com

☎ +603 3392 0000 / +6016 262 0436

Made In Malaysia

www.crossprotection.com.my



ABOUT US

- Established in 1997.
- Located in Klang, Selangor, Malaysia.
- 100% Malaysian owned company.
- Incorporated more than 70,00sqft manufacturing plant.
- R&D for custom design healthcare products.
- In-House registered brand "Cross Protection" sold to more than 25 countries.
- OEM contractor for world recognized healthcare distribution companies.

OUR QUALIFICATIONS

- ISO 13485:2016.
- US FDA Registered.
- ISO 13485 MDA.
- Canada FDA Registered.
- Malaysian GDPMD.



OUR MISSION

- To deliver the finest quality products and services at the most competitive prices.



OUR VISION

- To become a global leader in infection prevention control products.

WHY CHOOSE US?

- Cross Protection® is proven reliable and every product produced is quality assured based on international lab testing standards and specifications.



TABLE OF CONTENT

PROTECTION APPAREL

Define your protection	4
Understanding AAMI PB70:2021	4
Understanding European Standards for Chemical Protective Clothing	6
Headwear	
• Surgeon Cap	8
• Round Cap	9
• Clip Cap	10
• Hood Cover	10
• Tudung Cover	10
Handwear	
• Sleeve Cover	11
Bodywear	
• Coverall Suit	12
• Surgical Gown	13
• Isolation Gown	14, 15
• Isolation Gown (Non Sterile)	16
• Patient Gown	16
• Plastic Apron	17
Footwear	
• Shoe Cover	18
• Boot Cover	19

Define Your Protection

What is the benchmark to your ideal protection? International standard certified, lab testing qualified, fluid resistant, heavyweight fabric or excellent breathability? As long as it's quality, Cross Protection has it all.

Understanding AAMI PB70:2012

Every piece of protective apparel tailored may look similar visually but the guidelines below can assist your selection ensuring your surgical gowns are catered specifically to your procedure and environment.

AAMI PB70:2012

AAMI LEVEL 1

MINIMAL FLUID BARRIER PROTECTION

Used for daily patient care, when there is little to no risk of fluid exposure.

AAMI LEVEL 2

MINIMAL TO LOW FLUID BARRIER PROTECTION

For use only for low-fluid, minimally invasive surgical procedures, lumps and bumps.

AAMI LEVEL 3

MODERATE FLUID BARRIER PROTECTION

Used for the widest range of surgical procedures, where moderate fluid protection is indicated.

BARRIER PROTECTION	RESISTANCE MEASURES	TEST	TEST CRITERIA	ACCEPTABLE QUALITY LEVEL
AAMI Level 1	Liquid Penetration	AATCC42	Water Impact ≤ 4.5g	4%
AAMI Level 2	Liquid Penetration	AATCC42	Spray Impact ≤ 1.0g	4%
		AATCC127	Hydrostatic Pressure ≥ 20cm	4%
AAMI Level 3	Liquid Penetration	AATCC42	Spray Impact ≤ 1.0g	4%
		AATCC127	Hydrostatic Pressure ≥ 50cm	4%

Consider the conditions and circumstances

A series of icons are designed for the convenience and precision of your selection. Cross Protection's Protective Apparels are exceptionally designed to accommodate various aspects and performance based on individual needs and requirements.

We created easy-to-use icons to help identify location of use based on our recommendations.

 Decontamination	 Emergency	 Food Services	 Contact Precautions
 Intensive Care Unit	 Nursing	 Visitors	 Fluid Resistance
 Maternity	 Lab	 Airborne Precautions	

Find your preference

Neck Closure



Tie

Wrist Closure



Elastic

Waist Closure



Tie



Velcro



Knitted



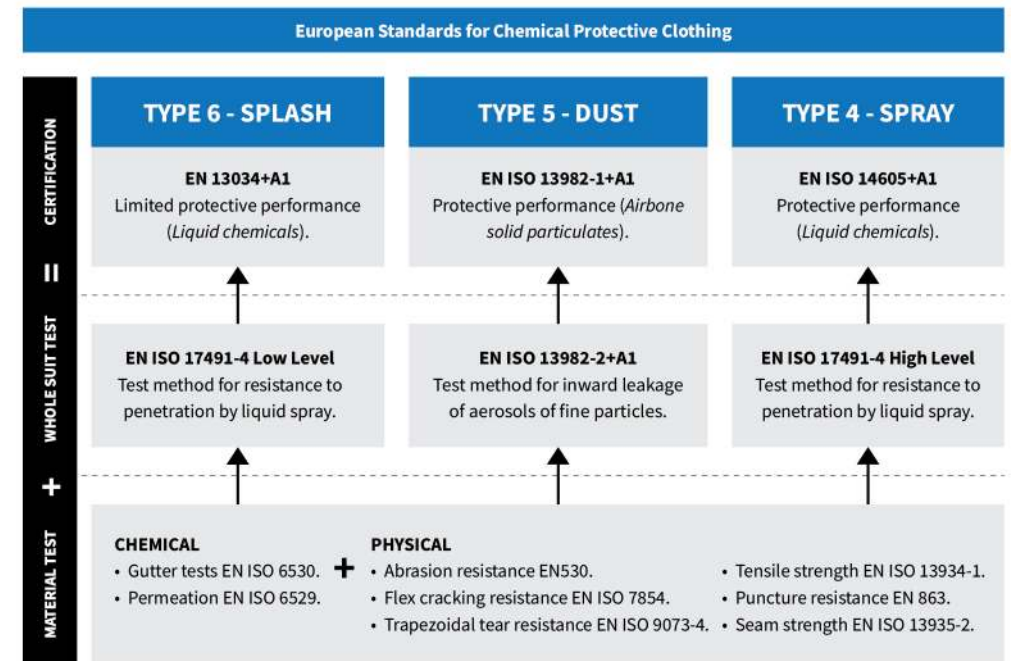
ARE YOU PROTECTED?

Choosing the appropriate apparel is a key component in minimizing the spread of potentially infectious diseases.

Understanding European Standards for Chemical Protective Clothing

Cross Protection's Polycoated fabric is made entirely of polyethylene fibres, which are pressed together creating a uniform and strong structure. Unlike Coveralls made of non woven or SMS, these two materials are not dense enough to be tested and approved as Category III protective clothing. Disposable clothing made of PP will only be used as protection against dirt and/or product protection.

Regulation (EU) 2016/425 on Personal Protective Equipment
Category III includes exclusively the risks that may cause very serious consequences such as death or irreversible damage to health relating to the following:
Substances and mixtures which are hazardous to health
Atmospheres with oxygen deficiency
Harmful biological agents
Ionising radiation
High-temperature environments the effects of which are comparable to those of an air temperature of at least 100°C
Low-temperature environments the effects of which are comparable to those of an air temperature of 50°C or less
Falling from a height
Electric shock and live working
Drowning
Cuts by hand-held chainsaws
High-pressure jets
Bullet wounds or knife stabs
Harmful noise



KAT. III Category III
Description of the design of protective clothing intended to protect against serious or fatal risks. The suits must be type-approved.



TYPE 5 Types 5 & 5B
Protect against harmful substances. EN 13982
Type 5B protects against biologically contaminated particles. EN14126.



EN 1073-2 EN 1073-2
Protects against radioactive particle contamination in accordance with EN 1073-2 (not against radioactive radiation).



TYPE 6 Types 6 & 6B
Limited splash-proof protection. Protect when there is a risk of splashing on the suit. EN 13034.
Type 6B Projects against biologically contaminated particles. EN 14126.



TYPE 4 Types 4 & 4B
Splash-proof protection: Suits are approved for the saturation of a liquid that can condense on the suit. The suits must have welded seams. Penetration testing has to be conducted according to EN 369 to provide information on protection in relation to individual chemicals. EN 14605. Type 4B protects against biologically contaminated particles. EN 14126.



EN 14126 EN 14126
Protects against biologically contaminated particles. EN 14126.



EN 1149-5 EN 1149-5
Electrostatic protection according to EN 1149-5 (with proper earthing).



SURGEON CAP



Premium PE Coated

- Made from the finest quality Premium PE Coated fabric.
- Great fluid protection.
- Durable.
- Secured with flexible elastic band or gentle tie.

Code : 2-710
Type : Elastic, tie
Color : Blue, green, white
Packing : 100pcs X 10bags



Premium

- Made from the finest quality Premium fabric.
- Heavyweight material for optimal protection.
- Outstanding breathability.
- Secured with flexible elastic band or gentle tie.
- Low linting.

Code : 2-702
Type : Elastic, tie
Color : Blue
Packing : 100pcs X 10bags



AAMI Level 3

- Made from the multilayers AAMI Level 3 fabric.
- Meets AAMI PB70 Standard "Liquid Barrier Performance and Classification of protective apparel and drapes intended for use in health care facilities (Level 3 - Heavy weight)".
- Secured with flexible elastic band or gentle tie.
- Latex free.

Code : 2-709
Type : Elastic, tie
Color : Blue
Packing : 100pcs X 10bags



AAMI Level 2

- Made from the multilayers AAMI Level 2 fabric.
- Meets AAMI PB70 Standard "Liquid Barrier Performance and Classification of protective apparel and drapes intended for use in health care facilities (Level 2 - Medium weight)".
- Secured with flexible elastic band or gentle tie.
- Latex free.

Code : 2-703
Type : Elastic, tie
Color : Blue, yellow
Packing : 100pcs X 10bags



ROUND CAP



Premium

- Made from the finest quality Premium fabric.
- Tailored for secure full hair coverage.
- Catered to non-fluid contamination environments.
- Secured flexible elastic bands.

Code : 2-704
Color : Blue
Packing : 50pcs X 20bags



AAMI Level 3

- Made from the finest quality AAMI Level 3 fabric.
- Meets AAMI PB70 Standard "Liquid Barrier Performance and Classification of protective apparel and drapes intended for use in health care facilities (Level 3 - Heavy weight)".
- Provides higher level of protection.
- Secured with gentle and flexible elastic bands.
- Latex free.

Code : 2-705
Color : Blue
Packing : 50pcs X 20bags



AAMI Level 2

- Made from the multilayers AAMI Level 2 fabric.
- Meets AAMI PB70 Standard "Liquid Barrier Performance and Classification of protective apparel and drapes intended for use in health care facilities (Level 2 - Medium weight)".
- Secured with gentle and flexible elastic bands.
- Latex free.

Code : 2-706
Color : Blue
Packing : 50pcs X 20bags



Standard

- Standard disposable round cap.
- Gentle and lightweight.
- Excellent breathability.
- Secured with flexible elastic bands.

Code : 2-701
Color : Blue, pink, white
Packing : 100pcs X 10bags



CLIP CAP

**Premium**

- Made from the finest quality Non woven fabric.
- Excellent breathability.
- Lightweight.
- Low linting.

Code : 2-771
Color : Blue, white
Packing : 100pcs X 10bags

**Basic**

- Non woven disposable clip cap.
- Compactly folded in strip.
- Effortless and convenient wearability.
- Economical.

Code : 2-770
Color : White
Packing : 100pcs X 10bags



HOOD COVER

**Premium**

- Made from the finest quality Premium fabric.
- Proven reliable protection.
- Repel to light amount of fluids.
- Secured with gentle tie at the neck.
- Low linting.

Code : 2-774
Color : Blue
Packing : 50pcs X 10bags



TUDUNG COVER

**AAMI Level 3**

- Made from the multilayers AAMI Level 3 fabric.
- Secured with gentle elastic around the face area.
- Meets AAMI PB70 Standard "Liquid Barrier Performance and Classification of protective apparel and drapes intended for use in health care facilities (Level 3 - Heavy weight)".
- Protection from the head until the shoulder region.

Code : 2-775
Color : Blue
Packing : 50pcs X 10bags



SLEEVE COVER

**Poly Coated**

- Made from the finest quality High Risk Poly Coated fabric.
- Waterproof.
- Laminated surface.
- Strong and stress resistant garment.
- Secured with elastic (top) and knitted cuff (bottom) on both ends.

Code : 2-70P
Color : White
Packing : 20pcs X 10bags

**AAMI Level 2**

- Made from the multilayers AAMI Level 2 fabric
- Reliable protection against isolate dust, particle, blood, bacteria and virus invasion.
- Offers strength and durability from SMS material.
- Secured with elastic (top) and knitted cuff (bottom) on both ends.
- Latex free.

Code : 2-778
Color : Blue
Packing : 20pcs X 10bags

**Plastic**

- Made from the finest quality Polyethylene material.
- Lightweight.
- Reliable protection against spills, splashes, dirt and residue.
- Secured with elastic on both ends.

Code : 4-500
Color : Blue
Packing : 100pcs X 10bags

Cross Protection's Coverall offers the utmost protection by using the finest material. With its smooth fabric surface which prevents particles and fluids from accumulating and penetrating while providing adequate protection. The fabric is strong and its structure makes it less susceptible to wear and tear. Our piece of garment offers better breathability than any other types of coverall.



COVERALL SUIT

- Made from the finest quality High Risk Category III PPE fabric.
- Qualified based on the standard and regulation of (EU) 2016/425.
- Tailored to provide maximum level of protection, durability and comfortability.
- Secured with front zipper, adhesive flap and elastic waist, hood, cuff and ankle.
- Defense against airborne solid particulates, non hazardous liquids, infective agents and electrostatic properties.
- Delivers a new level of waterproof protection.

ResQ-600 (without Seam Tape)

Size & Code	: S	2-950-S
	M	2-950-M
	L	2-950-L
	XL	2-950-XL
	XXL	2-950-XXL
	XXXL	2-950-XXXL
Color	: White	
Packing	: 1pc X 25bags	

ResQ-600 Plus (with Seam Tape)

Size & Code	: S	2-951-S
	M	2-951-M
	L	2-951-L
	XL	2-951-XL
	XXL	2-951-XXL
	XXXL	2-951-XXXL
Color	: White	
Packing	: 1pc X 25bags	



Customizable boot cover is available upon request.

Category III PPE, According to Regulation (EU) 2016/425
STANDARD

- EN ISO 13688:2013
Protective clothing - General requirements
- EN 13034:2005+A1:2009
Protective clothing against liquid chemical Type 6
- EN ISO 13982-1:2004+A1:2010
Protective clothing to use against airborne solid particulates Type 5
- EN 14605:2005+A1:2009
Protective clothing against liquids - with spray - tight Type 4
- EN ISO 14126:2003+AC:2004
Protective clothing against infective agents Types 4B, 5B, 6B
- EN 1149-5:2008
Protective clothing against electrostatic properties
- EN 1073-2:2002
Particulate radioactive contamination (no rays)

Size	S	M	L	XL	XXL	XXXL
Height (cm)	170	180	190	200	210	220
Chest (cm)	95	110	125	140	180	200
Waist (cm)	80	100	115	130	140	165
Sleeve (cm)	50	53	57	65	72	75
Tolerance +/- 5cm						



CLOSURE

Neck Tie / Velcro

Knitted / Elastic Wrist

Waist Tie

Size	Height (cm)	Width (cm)	Sleeve (cm)
S	110	142	55
M	120	150	57
L	130	158	60
XL	140	165	65
XXL	150	173	70
Tolerance +/- 10%			

Content includes (per bag):
(x1) Surgical Gown,
(x2) Towel, (x1) Sterile Wrap.

SURGICAL GOWN



AAMI Level 3 (Standard)

- Meets ANSI/ AAMI PB70 Level 3, where risks of fluid exposure, splash and pressure on gown are moderate.
- Remarkable softness, high breathability, non irritating premium material.
- Low linting, as lint are reported to be a pathway for introduction of viable organisms into the surgical site.
- Catered for procedures such as Mastectomies, Arthroscopic Orthopedic, Endoscopic Urological, Open Gastrointestinal and Genitourinary.



AAMI Level 3 (Reinforced)

- Additional PE protection on both sleeves and front chest acts as an extra barrier against potentially infectious blood or other bodily fluids.
- Ideal for longer procedures and those with large amount of fluids.



Sontara (Standard)

- Performance and efficiency oriented design.
- Ability to minimize risks of infections.
- Fulfills international product norms.
- Remarkable softness.
- High drapeability.
- Opaque to minimize distracting glare.
- Catered to cleanroom, aerospace, healthcare and pharmaceutical environment.
- Tailored to optimize surgeons comfort and dexterity throughout operations.
- Secured with velcro closure at neck and 4 gentle tie at waist.



Sontara (Reinforced)

- Additional PE protection on both sleeves and front chest acts as an extra barrier against potentially infectious blood or other bodily fluids.

Size &	: S	2-003
Code	M	2-004
	L	2-005
	XL	2-006
Color	: Blue	
Packing	: 1pc X 25bags	

Size &	: S	2-803
Code	M	2-804
	L	2-805
	XL	2-806
Color	: Blue	
Packing	: 1pc X 25bags	

Size &	: S	ST0001
Code	M	ST0002
	L	ST0003
	XL	ST0004
	XXL	ST0005
Color	: Blue	
Packing	: 1pc X 25bags	

Size &	: S	SR0001
Code	M	SR0002
	L	SR0003
	XL	SR0004
	XXL	SR0005
Color	: Blue	
Packing	: 1pc X 25bags	



CLOSURE

Neck Tie / Velcro

Knitted / Elastic Wrist

Waist Tie

ISOLATION GOWN



Premium PE Coated

- Made from the finest quality Premium PE Coated fabric.
- The impervious barrier will protect against the highest level of fluids.
- Durable.
- Secured with velcro closure at neck and gentle tie at waist.

Code : 2-999
Size : 125cm (height)
140cm (width)
Color : Blue, green, white
Packing : 10pcs X 10bags



Premium

- Made from the finest quality Premium fabric.
- Remarkable softness.
- High breathability.
- Basic infection control protection apparel.
- Secured with velcro closure at neck and gentle tie at waist.

Code : 2-910
Size : 140cm (height)
150cm (width)
Color : Blue
Packing : 10pcs X 10bags



Poly Coated

- Made from the finest quality High Risk Poly Coated fabric.
- Tailored for protection against airborne solid particulates, non hazardous liquids, infective agents and electrostatic properties.
- Passed bonding, tensile and elongation strength test.
- Secured with velcro closure at neck and gentle tie at waist.

Code : 2-339
Size : 127cm (height)
136cm (width)
Color : White
Packing : 5pcs X 10bags



AAMI Level 3 (Asian Size)

- Made from the finest quality AAMI Level 3 fabric.
- Meets ANSI/ AAMI PB70 Level 3 on risks of fluid exposure, splash and pressure on gown.
- Passed water resistant: Impact Penetration AATCC 42 at Spray Impact $\leq 1.0g$.
- Passed water resistant: Hydrostatic Pressure AATCC 127 at Hydrostatic Pressure $\geq 50cm$.
- Offers strength and durability from SMMMS material.
- Secured with gentle tie at neck and waist.

Code : 2-912
Size : 125cm (height)
140cm (width)
Color : Blue
Packing : 10pcs X 10bags



AAMI Level 3 (European Size)

- Made from the finest quality AAMI Level 3 fabric.
- Meets ANSI/ AAMI PB70 Level 3 on risks of fluid exposure, splash and pressure on gown.
- Passed water resistant: Impact Penetration AATCC 42 at Spray Impact $\leq 1.0g$.
- Passed water resistant: Hydrostatic Pressure AATCC 127 at Hydrostatic Pressure $\geq 50cm$.
- Offers strength and durability from SMMMS material.
- Secured with gentle tie at neck and waist.

Code : 2-918
Size : 140cm (height)
150cm (width)
Color : Blue
Packing : 10pcs X 10bags



AAMI Level 2

- Made from the finest quality AAMI Level 2 fabric.
- Meets ANSI/ AAMI PB70 Level 2 on risks of fluid exposure, splash and pressure on gown.
- Passed water resistant: Impact Penetration AATCC 42 at Spray Impact $\leq 1.0g$.
- Passed water resistant: Hydrostatic Pressure AATCC 127 at Hydrostatic Pressure $\geq 20cm$.
- Offers strength and durability from SMS material.
- Secured with gentle tie at neck and waist.

Code : 2-908
Size : 125cm (height)
114cm (width)
Color : Blue, yellow
Packing : 10pcs X 10bags



Standard

- Made of high breathability SMS material.
- Knitted cuff for secure cuff closure.
- Secured with gentle tie at neck and waist.
- Effortless and convenient wearability.

Code : 2-900
Color : Blue
Packing : 10pcs X 10bags



PE Coated

- Made of PE Coated material.
- Knitted cuff for secure cuff closure.
- Secured with gentle tie at neck and waist.
- Effortless and convenient wearability.

Code : 2-901
Color : Blue, yellow
Packing : 10pcs X 10bags



PATIENT GOWN



AAMI Level 3

- AAMI Level 3 excellence single use apparel.
- Catered as a temporary clothing when conducting any procedures of any kind.
- One size fits all.
- Tailored for hygiene purpose and efficiency during medical procedures.
- Extra thickness for opaqueness.
- Offers strength and durability from SMMMMS material.
- Full ultrasonic 5 layers tie-back overlap closure for maximum coverage.

Code : 2-788
Size : 112cm (height)
71cm (width)
Color : Blue
Packing : 5pcs X 5bags



PLASTIC GOWN / APRON



CPE Gown

- Chlorinated polyethylene excellence disposable gown.
- Thumb loop on sleeve to make donning gloves easier.
- Durable CPE material.
- Fluid resistant.
- Suitable for general use.

Code : 4-610
Size : 125cm (height)
145cm (width)
Color : Blue
Packing : 1pc X 100bags



Cystoscopy Gown

- Meets AAMI Level 3.
- Made of extra thick polyethylene material.
- Thumb loop on sleeve to make donning gloves easier.
- Assure protection whenever heavy fluids are present.
- Secured with gentle tie at waist.

Code : 4-600
Size : 130cm (height)
75cm (width)
Color : Blue
Packing : 1pc X 100bags



HDPE Apron

- Polyethylene excellence High Density Disposable Plastic Apron.
- Offers additional protection for hygiene safety in various environment.
- Smooth surface.
- Full length cutting design.
- Secured with gentle tie at waist.

Code : 4-211
Size : 140cm (height)
72cm (width)
Color : White
Packing : 100pcs X 10bags



Long Sleeve Apron

- Meets ASTM F2407 Standard Class 1.
- Tailored for low or minimal risk patient isolation situation.
- Assured protection whenever heavy fluids are present.
- Thumb loop on sleeve make donning gloves easier.
- Secured with gentle tie at waist.

Code : 4-608
Size : 120cm (height)
96cm (width)
Color : Blue
Packing : 100pcs X 1bag



Roll Apron

- Packaged in a roll for continuous & organized dispense.
- Embossed surface.
- Recommended anti-bacterial protection.
- Secured with gentle tie at waist.

Code : 4-208
Size : 140cm (height)
72cm (width)
Color : White
Packing : 200pcs X 5rolls



SHOE COVER



Premium

- Made from the finest quality Premium fabric.
- Tailored for excellent barrier between footwear and the environment.
- Designed in generous proportions fitting up to US Men's shoe size.
- Secured with flexible elastic bands at ankle.

Code : 2-878
Type : Elastic
Color : Blue
Packing : 100pcs X 10bags



Poly Coated

- Made from the finest quality High Risk Poly Coated fabric.
- Waterproof.
- Durable.
- Laminated surface.
- Secured with flexible elastic bands at ankle.

Code : 2-777
Type : Elastic
Color : White
Packing : 100pcs X 10bags



AAMI Level 2

- Made from the multilayer AAMI Level 2 fabric.
- Spray and water resistant.
- Secured with flexible elastic bands at ankle.
- Latex free.

Code : 2-888
Type : Elastic
Color : Blue
Packing : 100pcs X 10bags



Plastic

- Made from the finest quality Polyethylene material.
- Lightweight.
- Effortless and convenient wearability.
- Secured with flexible elastic bands at ankle.

Code : 4-400
Type : Elastic
Color : Blue
Packing : 100pcs X 10bags



BOOT COVER



Premium

- Made from the finest quality Premium fabric.
- Heavyweight material for optimal protection.
- Prevents contamination.
- Provides maximum comfort.
- Proven reliable protection.
- Secured with gentle tie at ankle and flexible elastic bands at knee.

Code : 2-874
Color : Blue
Packing : 50pcs X 10bags