MEDICAL & PPE PRODUCT CATALOGUE





GLD
ULTRASONIC

Quality Policy

Worldwide high quality with the principle of continuous innovation and development to carry our customers to satisfaction with “quality and speed” by producing products,

With the principle of first investment in technology and quality; On Acar employees to improve by providing training and motivation continuously,

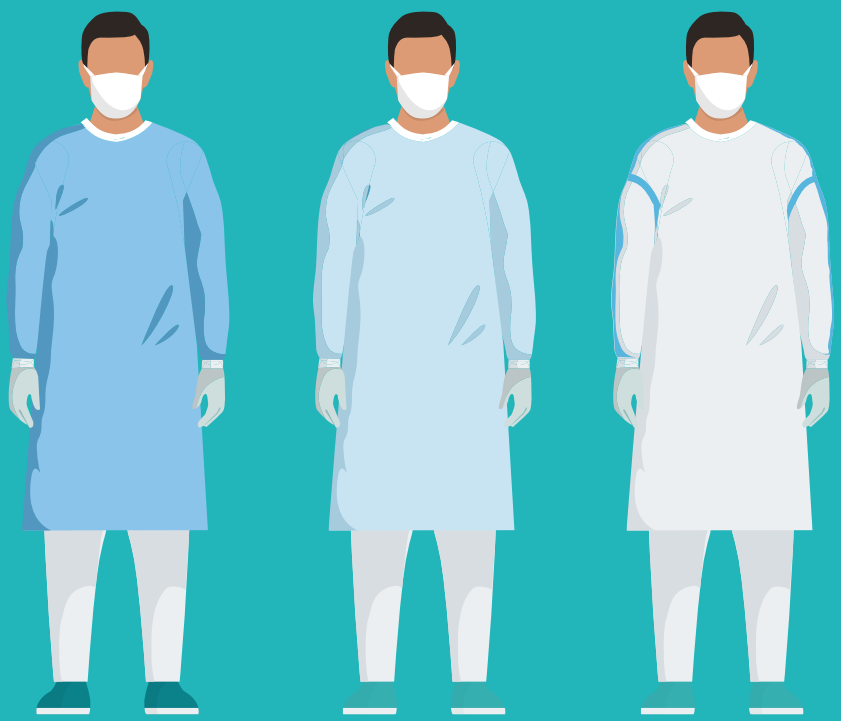
Customer satisfaction throughout the product life cycle to provide at international standards,

Monitoring and improving processes with a lean approach.

To maintain the success graph in the increasing line,

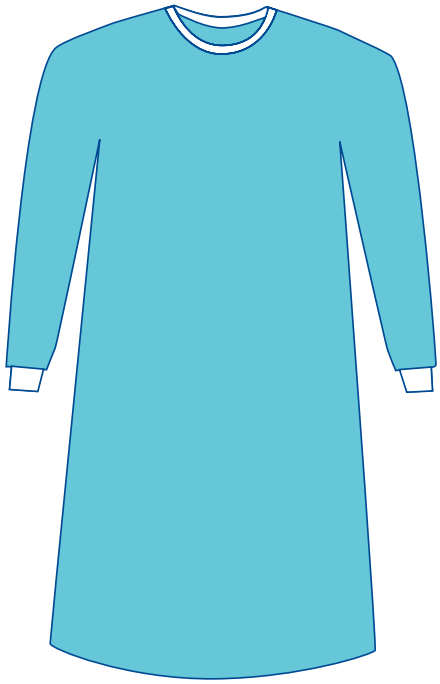
- ISO 9001 Quality Management System
- ISO 13485 Medical Devices - Quality Management Systems
- Social Compliance Standard
- Sustainability
- Better Cotton (To maintain the correct, complete and effective functioning of its standards.)

PROTECTIVE GOWN MODELS



Choosing the Right Isolation Gown Level

LEVEL 1	**Used in general hospital circumstances for basic care (non-sterile)**
LEVEL 2	**Used in low risk circumstances like blood draws or work in pathology labs**
LEVEL 3	**Used in moderate risk scenarios such as blood draws from arteries, Er or trauma work**
LEVEL 4	**Used for all high risk circumstances like during surgery in an operation room**



DIFFERENCES BETWEEN LEVELS OF ISOLATION GOWNS

	Level 1	Level 2	Level 3	Level 4
Protection Level	Minimal	Low Risk	Moderate Risk	Highest Level
Provide	Sight barrier against fluids	Block more fluid than level 1		Prevent fluid and virus penetration for up to an hour
Not Suitable	For blood draws, pathology labs			
Effective		Against fluid penetration that might occur through splatter or soaking	Against splatters and soaking	Offer pathogenresistance protection against disease and work as a barrier to large amounts of fluids for extended periods of time
Tested by		Pressurizing the material used to make the gowns and by impacitng the gowns with water	Same tests used for level 2 gowns are used to test the efficacy of level 3 gowns	By subjecting them to simulated blood containing a virus. If virus did not penetrate the gown than the gown can be designed as level 4
Penetarion AATCC 42	≤ 4.5 g	1.0 g	≤ 1.0 g	
Hydrostatic Pressure		≥ 20 cm	≥ 50 cm	
ASTM F1670 **ASTM F1671**				Pass Pass

GLD-011

Single-use Protective Gown with Ultrasonic Stitching

GLD-011 Single use Protective Gown with ultrasonic stitching is designed to provide protection to body against liquids and spray and offering limited protective performance against liquid chemicals. It is manufactured in compliance with following regulation and standards:

Regulation (EU) No. 2016/425
EN ISO 13688:2013
EN 14126:2003
EN 14605+A1:2008
EN 13034+A1:2009
EN 1149-5:2018

Approvals

Protective clothing serves:

- (wear over underclothing) as a protection for limited using against liquid chemicals type PB [3] and PB [4], provide protection against penetration of liquid chemicals to parts of body only,
- (wear over underclothing) as a protection for limited using against chemicals type PB [6], provide protection against penetration of liquid chemicals (this type of clothing protects user against potential exposure light spray or low volume spray by dilute chemicals,
- (wear over underclothing) as a protection of user for limited use against bacterial penetration of infectious agents (type B),
- as protective clothing dissipating electrostatic charge serving as part of an overall grounded system to prevent inflammatory discharges (except for use in flammable oxygen-enriched air and when there is a risk of voltage in the distribution networks)

Classification of the Personal Protective Equipment

Protective clothing components, GLD-011 Single Use Protective Gown with Ultrasonic Stitching, were classified as PPE Category III.


CAT III


EN 14126


EN 14605


EN 14605


EN 13034


EN 1149-5

GLD-011

Single-use Protective Gown with Ultrasonic Stitching

Key Features

- These protective gowns are for single-use
- Side ties eliminate difficulties of tying behind the back.
- Adjustable neck closure with binding
- Long sleeve with cuffs in stretch cotton
- Provided latex-free.
- Using %100 poly thread
- Ultrasonic stitches for better production.

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.
- The users responsibility to use of other PPE with the gown belongs.
- This gown meets the performance
- Flammable material. Do not exposed to fire!

Notified Body

Institute for Testing and Certification, Inc.
1023 Tída Tomáše Bati 299, Louky 763 02 Zlín
Czech Republic

MATERIALS	
FABRIC	Laminated non woven
WEIGHT	57 gsm
THREAD	%100 POLY

GLD-012

Single-Use Visitors Gown

GLD-012 Visitors gown is designed to be used in low- risk low concentration contaminated areas to prevent particulate transfer hazards. It is manufactured in compliance with EN 13485 standards.

Key Features

- These gowns are for single-use.
- Side ties eliminate difficulties of tying behind
- the back.
- Adjustable neck closure with velcro
- Long sleeve with cuffs in stretch cotton
- Provided latex-free.

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.

MATERIALS	
FABRIC	Polypropylene Spunbond SS
WEIGHT	40 gsm

GLD-013

Single-Use Surgical Non Sterile Gown

GLD-013 Surgical Non sterile gown is designed to be used in low- risk low concentration contaminated areas to prevent particulate transfer hazards. It is manufactured in compliance with EN 13485 standards.

Key Features

- These gowns are for single-use.
- Side ties eliminate difficulties of tying behind the back.
- Adjustable neck closure with velcro
- Long sleeve with cuffs in stretch cotton
- Provided latex-free.

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.

MATERIALS	
FABRIC	Polypropylene Spunbond SMS
WEIGHT	40 gsm

GLD-014

Single-Use Surgical Non Sterile Gown

GLD-014 Surgical Non sterile gown is designed to be used in low- risk low concentration contaminated areas to prevent particulate transfer hazards. It is manufactured in compliance with EN 13485 standards.

Key Features

- These gowns are for single-use.
- Side ties eliminate difficulties of tying behind the back.
- Adjustable neck closure with binding
- Long sleeve with cuffs in stretch cotton
- Provided latex-free.

Intended Use

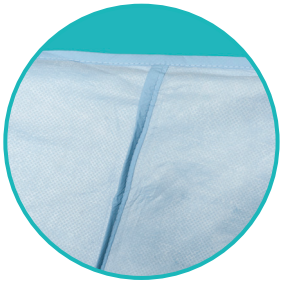
- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolationsituations.

MATERIALS	
FABRIC	CC Tumbul
WEIGHT	60 gsm

GLD-015

Single-Use Surgical Non Sterile Gown

GLD-015 Surgical Non sterile gown is designed to be used in low- risk low concentration contaminated areas to prevent particulate transfer hazards. It is manufactured in compliance with EN 13485 standards.



Key Features

- These gowns are for single-use.
- Side ties eliminate difficulties of tying behind the back.
- Adjustable neck closure with binding
- Long sleeve with cuffs in stretch cotton
- Provided latex-free.
- Extra bindings on inside stitches to eleminate leakage of liquid

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolationsituations.

MATERIALS	
FABRIC	CC Tumbul
WEIGHT	40 gsm

ONGWN_006

Single Use Protective Gown with Blue Tape

ONGWN_006 Single use Protective gown with blue tape is designed to provide protection to body against liquids and spray and offering limited protective performance against liquid chemicals. It is manufactured in compliance with EN 14126 standards.

Key Features

- These protective gowns are for single-use
- Blue tape at all stitches for better production
- Side ties eliminate difficulties of tying behind the back.
- Adjustable neck closure with binding
- Long sleeve with cuffs in stretch cotton
- Provided latex-free.
- Using %100 poly thread

Approvals

Based on the type examination conducted with evaluation of test reports, technical file according to Protective Clothing Regulation EN 14605:2005 +A1:2009 Type PB[3] and PB[4], it is approved that the product meets the requirements of the regulation.

The report on the tests carried out to verify the conformity of the PPE with the applicable essential health and safety requirements: see Evaluation Report No. 723302070/2020 issued by Institute for testing and certification, a.s. (1023), on 2020-12-18.)

CAT III

EN 14126

EN 14605

EN 14605

EN 1149-5

ONGWN_006

Single Use Protective Gown with Blue Tape

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.
- The users responsibility to use of other PPE with the gown belongs.
- This gown meets the performance requirements for protection to parts of the body only (Types PB [3] and PB [4]
- Flamable material. Do not exposed to fire!

MATERIALS	
FABRIC	Laminated non woven
WEIGHT	57 gsm
THREAD	%100 POLY
BLUE BAND	OPP BAND

Notified Body

Institute for Testing and Certification, Inc.
1023 Tída Tomáše Bati 299, Louky 763 02 Zlín
Czech Republic

MARKING

ACAR Sektörel Ürünler Dış Ticaret Ltd. Şti.

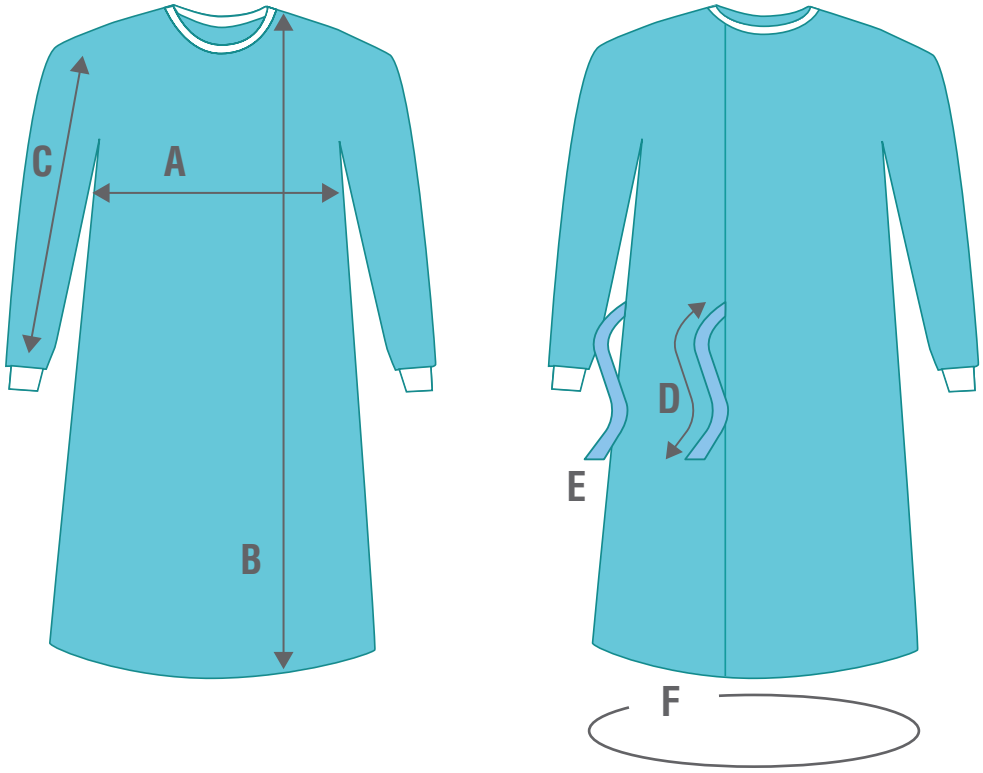
ONGWN_006 Single Use Protective Gown

EN ISO 13688:2013
EN 14126:2003
EN 14605+A1:2008

Only for disposable using!

 Type PB [3] Type PB [4]	 Type B		1023

Measurement Chart For Gown



		S	M	L	XL	XXL	XXXL
Chest	A	67,5	69,5	71,5	73,5	75,5	77,5
Front length from shoulder	B	116	118	120	125	130	132
Sleeve length	C	58	59	60,5	62,5	64,5	66,5
Belt length	D	50,5	55,5	60,5	65,5	70,5	75,5
Belt width	E	5	5	5	5	5	5
Hem around	F	148	150	152	154	156	158

* All measurements are in cm

Wearing Gown

1. Employees should be provided with a clean changing room away from the work environment to dress.
2. Any items that may interfere with work should be removed from pockets and left in a safe environment.
3. Gown material should be selected according to the process to be applied.
4. The appropriate type and size should be selected.
5. Must be attached from the back

Removing Gown

1. Hold by the shoulders
2. Contaminated outer face turned inward
3. Folding by rolling
4. Only the clean side should be visible when removed

PROTECTIVE COVERALL MODELS

GLD-001 (with ultrasonic stitch)

Single-use Protective Clothing

GLD-001 single-use Protective Clothing is designed to provide protection to the full body against airborne solid particulates and offering limited protective performance against liquid chemicals. It is manufactured in compliance with EN 14126 standards.

Key Features

- These protective clothings are for single-use.
- Elasticated cuff, ankle, hood and back
- Zipper with front closure flap
- Ultrasonic stitches for better closure

Approvals

- EN 14126 Protective Clothing - Performance Requirement and Test Methods For Protective Clothing Against Infective Agents
- EN 14605+A1 Protective Clothing Against Liquid chemical (Type 3-B, Type 4-B)
- EN ISO 13688 Protective Clothing – General Requirements
- EN 13034+A1 Protective Clothing Against Liquid chemical (Type 6-B)
- EN ISO 13982-1 Protective Clothing For Use Against Solid Particulates (Type 5-B)
- EN 1149-5 Protective Clothing-Electrostatic properties

CAT III | EN 14126 | EN 14605 | EN 14605

EN 13982-1 | EN 13034 | EN 1149-5

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.
- The users responsibility to use of other PPE with the coverall belongs.

GLD-001 (with ultrasonic stitch)

Single Use Protective Clothing

MATERIALS	
FABRIC	Laminated non woven
WEIGHT	57 gsm
THREAD	%100 POLY

Notified Body

MNA Laboratories 2841
Istanbul/Turkey

PERFORMANCE LEVELS FOR COVERALLS

PPE SPECIFICATION	PERFORMANCE LEVELS
Classification	Type 3-B, Type 4-B, Type 5-B, Type 6-B
Abrasion Resistance	1
Tear Resistance (Trapezoidal)	2
Tensile Strength	1
Puncture Resistance	1
Liquid Repellency	NaOH: 3, H2SO4: 3
Resistance To Penetration By Liquid	NaOH: 3, H2SO4: 3
Flex Cracking Resistance	1
Seam Strength	2
Permation By Liquids	NaOH: 2
Wet Bacterial Penetration	1
Dry Microbial Penetration	1
Phi-X174 Bacteriophange	3
Half Decay Time (t50, S)	2,94

MARKING OF THE FINAL PRODUCTS

Cat III	EN 14126:2004 EN ISO 13688:2014	EN 14605+A1 (Type 3-B and Type 4-B)		EN ISO 13982-1 (Type 5-B)	EN 13034+A1 (Type 6-B)	EN 1149-5
						

ONG 05 (with Blue Tape)(Type 3-B/4-B)

Single Use Protective Clothing

ONG 05 Single Use Protective Clothing is designed to provide protection to the full body against airborne solid particulates and offering limited protective performance against liquid chemicals. It is manufactured in compliance with EN 14126 standards.

Key Features

- These protective clothings are for single-use.
- Elasticated cuff, ankle, hood and back
- Zipper with front closure flap
- Blue tape at all stitches

Approvals

- EN 14126 Protective Clothing - Performance Requirement And Test Methods For Protective Clothing Against Infective Agents
- EN 14605+A1 Protective Clothing Against Liquid chemical (Type 3-B, Type 4-B)
- EN ISO 13688 Protective Clothing – General Requirements
- EN 13034+A1 Protective Clothing Against Liquid chemical (Type 6-B)
- EN ISO 13982-1 Protective Clothing For Use Against Solid Particulates (Type 5-B)
- EN 1149-5 Protective Clothing-Electrostatic properties

CAT III

EN 14126

EN 14605

EN 14605

EN 13982-1

EN 13034

EN 1149-5

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolationsituations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.

ONG 05 (with Blue Tape)(Type 3-B/4-B)

Single Use Protective Clothing

MATERIALS	
FABRIC	Laminated non woven
WEIGHT	57 gsm
THREAD	%100 POLY
BLUE BAND	OPP BAND

Notified Body

MNA Laboratories 2841
Istanbul/Turkey

PERFORMANCE LEVELS FOR COVERALLS

PPE SPECIFICATION	PERFORMANCE LEVELS
Classification	Type 3-B, Type 4-B, Type 5-B, Type 6-B
Abrasion Resistance	1
Tear Resistance (Trapezoidal)	2
Tensile Strength	1
Puncture Resistance	1
Liquid Repellency	NaOH: 3, H2SO4: 3
Resistance To Penetration By Liquid	NaOH: 3, H2SO4: 3
Flex Cracking Resistance	1
Seam Strength	2
Permation By Liquids	NaOH: 2
Wet Bacterial Penetration	1
Dry Microbial Penetration	1
Phi-X174 Bacteriophange	3
Half Decay Time (t50, S)	3,01

MARKING OF THE FINAL PRODUCTS

Cat III	EN 14126:2004 EN ISO 13688:2014	EN 14605+A1 (Type 3-B and Type4-B)	EN ISO 13982-1 (Type 5-B)	EN 13034+A1 (Type 6-B)	EN 1149-5	CE
						CE 2841

GLD-003 (Type 5-B/6-B)

Single Use Protective Clothing

GLD-003 Single Use protective clothing is designed to provide protection to the full body against airborne solid particulates and offering limited protective performance against liquid chemicals. It is manufactured in compliance with EN 14126:2003 standards.

Key Features

- These protective clothings are for single-use.
- Elasticated cuff, ankle, hood and back
- Zipper with front closure flap

Approvals

- EN 14126 Protective Clothing - Performance Requirement And Test Methods For Protective Clothing Against Infective Agents
- EN ISO 13688 Protective Clothing – General Requirements
- EN 13034+A1 Protective Clothing Against Liquid chemical (Type 6-B)
- EN ISO 13982-1 Protective Clothing For Use Against Solid Particulates (Type 5-B)
- EN 1149-5 Protective Clothing-Electrostatic properties

CAT III

EN 14126

EN 13982-1

EN 13034

EN 1149-5

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolationsituations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.

GLD-003 (Type 5-B/6-B)

Single Use Protective Clothing

MATERIALS	
FABRIC	Laminated non woven
WEIGHT	57 gsm

Notified Body

MNA Laboratories 2841
Istanbul/Turkey

PERFORMANCE LEVELS FOR COVERALLS	
PPE SPECIFICATION	**PERFORMANCE LEVELS**
Classification	Type 5-B, Type 6-B
Abrasion Resistance	1
Tear Resistance (Trapezoidal)	2
Tensile Strength	1
Puncture Resistance	1
Liquid Repellency	NaOH: 3, H_2SO_4: 3
Resistance To Penetration By Liquid	NaOH: 3, H_2SO_4: 3
Flex Cracking Resistance	1
Seam Strength	2
Permation By Liquids	NaOH: 2
Wet Bacterial Penetration	1
Dry Microbial Penetration	1
Phi-X174 Bacteriophange	3
Half Decay Time (t50, S)	3,01

SIZE CHART

SIZE	CHEST WIDTH	LENGTH INC HOOD
S	99-106 CM	167-173 CM
M	106-114 CM	173-179 CM
L	114-122 CM	179-186 CM
XL	122-130 CM	186-194 CM
2XL	130-138 CM	194-201 CM
3XL	138-146 CM	201-208 CM

HOW TO WEAR

You don't need to think about how to wear your daily clothes. However, certain care must be taken when wearing a protective clothing. As a matter of fact, wearing protective clothing correctly; it will be effective in the protection performance of the garment. Once the appropriate clothing has been selected, employees should be provided with a clean changing room away from the workplace to dress. Any items that may interfere with work should be removed from pockets and left in a safe place.

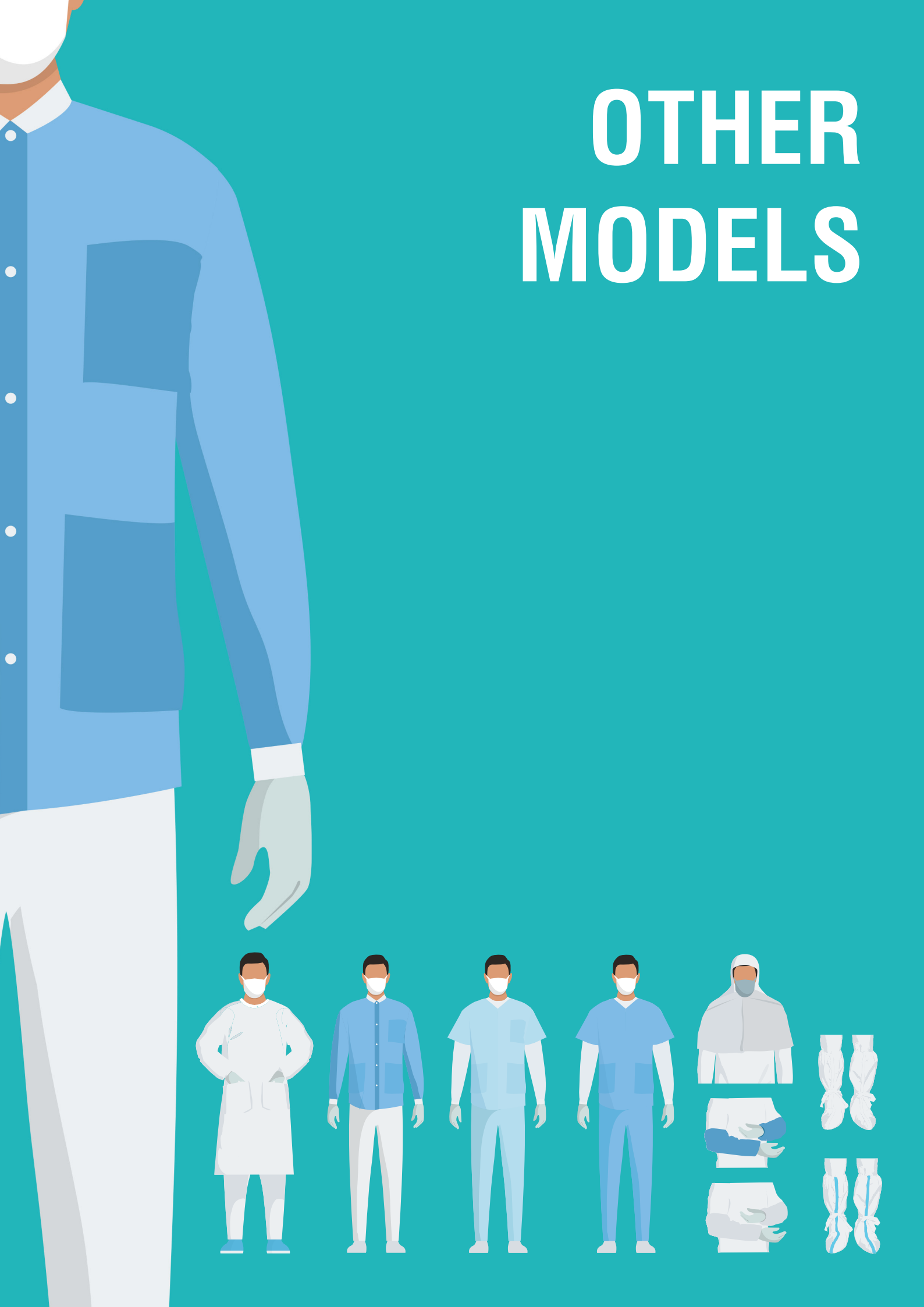
Begin the process of putting on the coveralls by sitting on the chair and taking off your shoes. Next, carefully put your feet on the legs of the coverall one by one, and then put on and fasten your safety shoes or boots. Next, you should wear gloves that are suitable for your application. If you wear 2 pairs of gloves, put on the first pair first. Stand up, pull the coverall towards your waist and draw your arms around the arm area. Before zippering your coverall, remove your protective glasses, mask, etc. fit and make sure they are fitted correctly, comfortable and free of gap. Pull the hood over your head and zip your allover to the top; Turn the zipper handle down to lock the zipper. Open the double-sided tape on the placket and close the zipper area by sticking. If you are wearing a second pair of gloves, wear them over the first pair, covering the sleeves and wrists of the coverall. It is recommended that all openings and joints, including the ends of the gloves and around the face where the hood meets the face mask, be sealed with adhesive tape. It should be checked by another colleague that the coverall is worn correctly and that all openings are covered.

HOW TO REMOVE

Unless extreme care is given to the disposal and removal of disposable protective clothing, there is a risk of contamination from the surface of the coverall to the wearer's skin or hair, or to other workers and their families.

Protective clothing should be removed in a contamination-free area. Before removing protective clothing, it is recommended to clean gloves and boots to prevent dust from spreading. Likewise, the mask and zipper placket should be cleaned. Once any protective material such as adhesive tape has been removed, it should be immediately thrown into the chemical waste container used for this purpose. With the protective gloves not yet removed, the user should begin by removing the hood, making sure that the outer part of the coverall does not touch his head. Unzip the coverall and slide it down over your shoulders. Put both hands on your back and pull them down until both arms are fully extended. Sit down and take off your shoes. Then pull it down from your knees until you have completely removed the coverall (make sure the contaminated side is not touched or touched by the clothing). Finally, put the coverall in its original packaging and remove your gloves. When disposing of protective clothing, it is important to keep the coverall by the inside, which is not contaminated, to avoid contact with the hazardous substance. This area must also be cleaned as contamination will occur in the environment while the clothing is being removed. Leaving the area contaminated poses a risk not only to the person wearing the protective suit, but also to others in the environment.

OTHER MODELS



GLD-021

Single-use Shoe Protection with Ultrasonic Stitching

GLD-021 Single-use Shoe Protection with ultrasonic stitching is designed to provide protection to body against liquids and spray particulates and offering limited protective performance against liquid chemicals. It is manufactured in compliance with following regulation and standards:

Regulation (EU) No. 2016/425
EN ISO 13688:2013
EN 14126:2003
EN 14605+A1:2008
EN 13034+A1:2009
EN 1149-5:2018

Approvals

Protective clothing serves:

- (wear over underclothing) as a protection for limited using against liquid chemicals type PB [3] and PB [4], provide protection against penetration of liquid chemicals to parts of body only,
- (wear over underclothing) as a protection for limited using against chemicals type PB [6], provide protection against penetration of liquid chemicals (this type of clothing protects user against potential exposure light spray or low volume spray by dilute chemicals,
- (wear over underclothing) as a protection of user for limited use against bacterial penetration of infectious agents (type B),
- as protective clothing dissipating electrostatic charge serving as part of an overall grounded system to prevent inflammatory discharges (except for use in flammable oxygen-enriched air and when there is a risk of voltage in the distribution networks)

Classification of the Personal Protective Equipment

Protective clothing components, GLD-021 Single Use Shoe Protection with Ultrasonic Stitching were classified as PPE Category III.

GLD-021

Single-use Shoe Protection with Ultrasonic Stitching

Key Features

- These shoe protection is for single-use.
- Provided latex-free.
- Provided non-sterile, should not be used in surgical setting
- Antistatic
- Alcohol resistant antiblood
- Elasticated calfs
- Ultrasonic stitches for better protection
- Belt at wrist
- Anti grip band at base to not to slide

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily
- fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of
- contamination is high.
- This shoe cover meets the performance
- Flammable material. Do not exposed to fire!
- The users responsibility to use of other PPE with shoe cover belongs.

Notified Body

Institute for Testing and Certification, Inc.
1023 Tída Tomáše Bati 299, Louky 763 02 Zlín
Czech Republic

MATERIALS	
FABRIC	Laminated non woven
WEIGHT	57 gsm
THREAD	%100 POLY
ANTI GRIP BAND	

GLD-022

Single-use Shoe Protection

GLD-022 Single-use Shoe Protection is designed to provide protection to body against liquids and spray particulates and offering limited protective performance against liquid chemicals. It is manufactured in compliance with EN 14126 standards.

Key Features

- These shoe protection is for single-use.
- Provided latex-free.
- Provided non-sterile, should not be used in surgical setting
- Antistatic.
- Alcohol resistant antiblood .
- Elasticated calfs
- Anti grip band at base to not to slide These shoe protection is for single-use.

Approvals

Based on the type examination conducted with evaluation of test reports, technical file according to Personal Protective Equipment Regulation (EU) 2016/425 Annex5, it is approved that the product meets the requirements of the regulation.

CAT III EN 14126 EN 13034 EN 1149-5

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily
- fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.
- Flammable material. Do not exposed to fire!
- The users responsibility to use of other PPE with shoe cover belongs.

MATERIALS	
FABRIC	Laminated nonwoven
WEIGHT	57 gsm
THREAD	Polyester
ANTI GRIP BAND	

ONGANSHP_004

Single-use Shoe Protection with Blue Tape

ONGANSHP_004 Single-use Shoe Protection with Blue Tape is designed to provide protection to body against liquids and spray particulates and offering limited protective performance against liquid chemicals. It is manufactured in compliance with EN 14126 standards.

Key Features

- These shoe protection is for single-use.
- Provided latex-free.
- Provided non-sterile, should not be used in surgical setting
- Antistatic
- Alcohol resistant antiblood
- Elasticated calfs
- Blue tape at stitches for better protection
- Belt at wrist
- Anti grip band at base to not to slide

Approvals

Based on the type examination conducted with evaluation of test reports, technical file according to Protective Clothing Regulation EN 14605:2005 +A1:2009 Type PB[3] and PB[4], it is approved that the product meets the requirements of the regulation.


CAT III


EN 14126


EN 14605


EN 14605


EN 1149-5

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.
- This shoe cover meets the performance for items providing protection to parts of the body only Types PB [3] and PB [4]

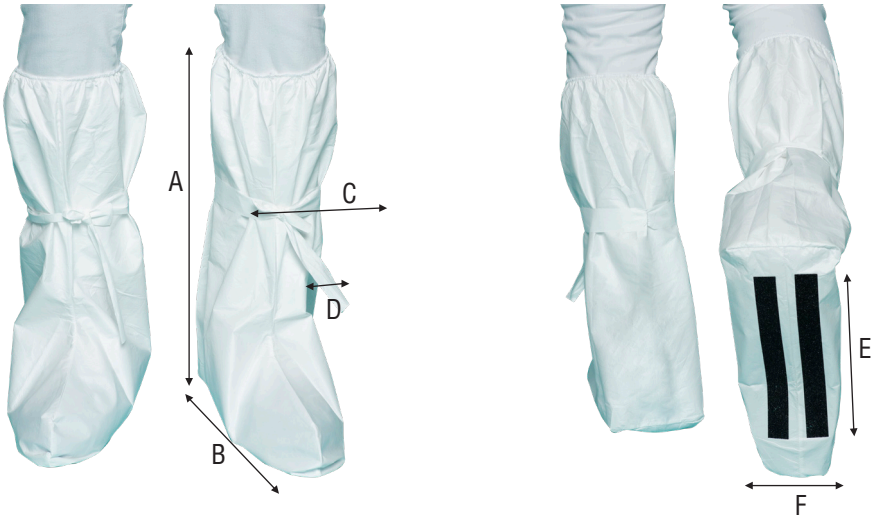
MATERIALS	
FABRIC	Laminated white nonwoven
WEIGHT	57 g/m^2
THREAD	Polyester
BLUE BAND	OPP band
ANTI GRIP BAND	

Notified Body

Institute for Testing and Certification, Inc. 1023
Třída Tomáše Bati 299,
Louky 763 02 Zlín
Czech Republic

The report on the tests carried out to verify the conformity of the PPE with the applicable essential health and safety requirements:
See Evaluation Report No. 723302070/2020 issued by Institute for testing and certification, a.s. (1023), on 2020-12-18.)

MEASUREMENT CHART FOR SHOE COVER



Length	A	51,5
Width	B	35
Belt length	C	105
Belt width	D	3
Anti grip length	E	23
Anti grip width	F	2,5

* All measurements are in cm

Putting on Shoe protections

1. Employees should be provided with a clean changing room away from the work environment to dress.
2. Choose suitable shoes for the job.
3. Must be worn seated and laced

Taking off Shoe protections

1. Open laces with gloves
2. Contaminated outer face should be removed by turning inward.
3. Only the clean side should be visible when removed

GLD-032

Single-use Surgical Non Sterile Shirt

GLD-032 Surgical Non sterile shirt is designed to be used in low-risk and low concentration contaminatedareas to prevent particulate transfer hazards. It is manufactured in compliance with EN 13485 standards

Key Features

- These shirts are for single-use.
- Long sleeve with cuffs in stretch rib
- Provided latex-free.
- Neck is stretch rib
- Front closure with snaps
- 3 pockets

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in lower minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.

MATERIALS	
FABRIC	Polypropylene Spunbond SMS
WEIGHT	40 gsm

Size Chart

SIZE	SLEEVE LENGTH	CHEST WITDH	BODY LENGTH
M	55 CM	60,5 CM	73,5 CM
L	56,5 CM	62,5 CM	75,5 CM
XL	58 CM	64,5 CM	77,5 CM
XXL	60,5 CM	67,5 CM	80,5 CM

GLD-033

Single use Hood

GLD-033 Single use Hoods are designed to help protect the wearer's head up from shoulders from moderate fluid contacts and may also help reduce the contamination of the working environment.

Key Features

- Proven barrier protection against fluids under medium liquid pressure conditions.
- Breathable Laminated white nonwoven fabric provides a comfortable wear.
- Features a front opening to allow for easy breathing.
- Low linting properties.
- Latex-free.

Intended Use

- For use in healthcare settings where expected risk of exposure to fluid is between low and moderate.
- Intended to protect from fluid or microbial transmission in healthcare settings

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Size

Single size.

MATERIALS	
FABRIC	Laminated white nonwoven
WEIGHT	57 gr/m^2
THREAD	Polyester

GLD-034

Protective Lab. Coat

GLD-034 Protective Lab. Coats are designed to help protect the wearer from low hazard liquid spray and dust and may also help reduce the contamination of the working environment. They are comfortable to wear featuring moisture vapor permeable fabric to help reduce the risk of heat stress.

Key Features

- Proven barrier protection against low concentration liquid chemicals, liquid & particulate biological hazards.
- Breathable microporous laminate fabric reduces the risk of heat stress, provides a comfortable wear.
- The laminated microporous film minimises particle shed and contamination in particle restricted environments such as cleanrooms.
- Frontsnap closures.
- Open wrists.
- Built with 3 front pockets for convenience.
- Latex-free.
- Low linting properties

Applications

Typical applications may include asbestos inspection, coal dust in power plants, metal polishing, light-duty building cleaning, machine or vehicle maintenance, paint spraying, pharmaceutical, general industrial clean-up, insulation laying, woodworking, general powder handling, food processing, and blood, bodily fluids and environmentally controlled clean room application.

MATERIALS	
FABRIC	Microporous laminate PPSB
WEIGHT	55 g/m^2
THREAD	Polyester

Size Chart

SIZE	SLEEVE LENGTH	CHEST WITDH	BODY LENGTH
S	66 CM	59CM	104 CM
M	67 CM	62CM	106 CM
L	68 CM	65CM	108 CM
XL	70 CM	68CM	110 CM
XXL	72CM	71CM	112 CM
3XL	74 CM	75CM	114 CM

GLD-035

Single-use Oversleeves

GLD-035 Single-use Oversleeves are designed to help protect the wearer's arms up to wrists from moderate fluid contacts and may also help reduce the contamination of the working environment.

Key Features

- Proven barrier protection against fluids under medium liquid pressure conditions.
- Breathable SMS, and Laminated white nonwoven fabric provides a comfortable wear.
- Elasticated opening at both ends.
- Low linting properties.
- Latex-free.

Intended Use

For use in healthcare settings where expected risk of exposure ta fluid is between low and moderate. Intended to protect from fluid or microbial transmission in healthcare settings.

Size

Single size. Length: 40 cm

MATERIALS	
FABRIC	SMS nonwoven - Laminated white nonwoven
WEIGHT	40 g/m^2
THREAD	Polyester

GLD-036

Single-use Doctor Suit

GLD-036 Doctor Suit is designed to be used in low-risk low concentration contaminated areas to prevent particulate transfer hazards. It is manufactured in compliance with EN 13485 standards.

Key Features

- These suits are for single-use.
- V shape neck
- 2 side pockets and 1 chest pocket
- Provided latex-free.
- Provided non-sterile, should not be used in surgical settings.
- Short sleeve

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.

Sizing

Appropriate size garment should be selected to allow sufficient movement for the task whilst maintaining a secure fit

MATERIALS	
FABRIC	CC Tumbul
WEIGHT	60 g/m^2
THREAD	Polyester

Size Chart

SIZE	SLEEVE LENGTH	CHEST WITDH	BODY LENGTH
S	31,5 CM	53 CM	104 CM
M	32,5 CM	57 CM	105 CM
L	33,5 CM	61 CM	110 CM
XL	35,5 CM	66 CM	114 CM

GLD-037

Single-use Doctor Suit

GLD-037 Doctor Suit is designed to be used in low-risk low concentration contaminated areas to prevent particulate transfer hazards. It is manufactured in compliance with EN 13485 standards.

Key Features

- These suits are for single-use.
- V shape neck
- 2 side pockets and 1 chest pocket
- Provided latex-free.
- Provided non-sterile, should not be used in surgical settings.
- Short sleeve

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.

Sizing

Appropriate size garment should be selected to allow sufficient movement for the task whilst maintaining a secure fit.

MATERIALS	
FABRIC	Polypropylene Spunbond SMS
WEIGHT	40 g/m^2
THREAD	Polyester

Size Chart

SIZE	SLEEVE LENGTH	CHEST WITDH	BODY LENGTH
S	31,5 CM	53 CM	104 CM
M	32,5 CM	57 CM	105 CM
L	33,5 CM	61 CM	110 CM
XL	35,5 CM	66 CM	114 CM

GLD-038

Single-use Doctor Suit with Pleated Pockets

GLD-038 Doctor Suit with Pleated Pockets is designed to be used in low-risk low concentration contaminated areas to prevent particulate transfer hazards. It is manufactured in compliance with EN 13485 and EN 13795 standards.

Key Features

- These suits are for single-use.
- Rib at neck, cuff and hem at top
- 2 side pockets with pleats and 1 chest pocket at top
- Provided latex-free.
- Provided non-sterile, should not be used in surgical settings.
- Short sleeve
- Snap closure at neck and chest pocket
- 2 side pockets with pleats at legs

Intended Use

- For use in clinical and laboratory settings.
- Intended to protect from the transfer of microorganisms and bodily fluids in low or minimal risk patient isolation situations.
- Not intended for high risk surgical procedures, or where the risk of contamination is high.

Sizing

Appropriate size garment should be selected to allow sufficient movement for the task whilst maintaining a secure fit.

MATERIALS	
FABRIC	Polypropylene Spunbond SMS
WEIGHT	40 g/m^2
THREAD	Polyester

Size Chart

SIZE	SLEEVE LENGTH	CHEST WITDH	BODY LENGTH
S	39,5 CM	53 CM	103 CM
M	41 CM	57 CM	104 CM
L	42,5 CM	61 CM	109 CM
XL	44 CM	66 CM	113 CM

GLD-031

Corpse Bag

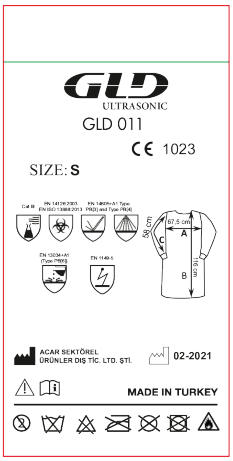
GLD-031 is manufactured in compliance with EN 13485 standards.

Key Features

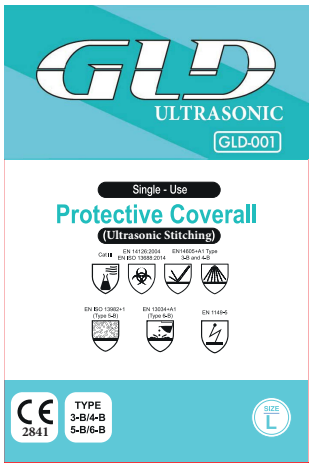
- They will consist of two different parts.
- The inner part will have liquid – proof properties.
- The double cursor T10 zipper will be used at the top of the bag.
- There will be three pairs of handles.
- The handles need to be strong enough to hold 150 kg weight.
- There will be transparent nylon name tag sizing as 15*20 cm on the top of each bag.

MATERIALS	
INNER FABRIC	The inner part will be made of hydrophilic laminated nonwoven which is 56 gr/m^2
OUTER FABRIC	The outside part will be made of 80 gr/m^2 nonwoven

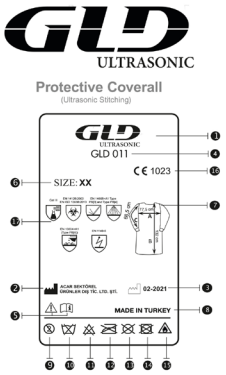
Packaging Details



Each product has own care label.



Each product will be in polybag



Each product has own using instruction book in 8 languages

Each box containes required amount of packaged products

STYLES	POLYBAG	BOX (60*40*60)	PALLET
GLD-011	1 pc	75 pcs	600 pcs
GLD-012	1 pc	100 pcs	800 pcs
GLD-013	1 pc	100 pcs	800 pcs
GLD-014	1 pc	120 pcs	960 pcs
GLD-015	1 pc	75 pcs	600 pcs
ONGWN_006	1 pc	75 pcs	600 pcs
GLD-001	1 pc	75 pcs	600 pcs
ONG 05	1 pc	75 pcs	600 pcs
ONGANSHP_004	1 pc	75 pcs	600 pcs
GLD-021 (60*40*40)	1 pc	250 pcs	3000 pcs
GLD-022 (60*40*40)	1 pc	250 pcs	3000 pcs
ONGANSHP_004 (60*40*40)	1 pc	200 pcs	2400 pcs
GLD-034	1 pc	75 pcs	600 pcs
GLD-032	1 pc	75 pcs	600 pcs
GLD-035 (60*40*40)	1 pc	250 pcs	2000 pcs
GLD-033 (60*40*40)	1 pc	400 pcs	3200 pcs
GLD-036	1 pc	75 pcs	600 pcs
GLD-037	1 pc	75 pcs	600 pcs
GLD-038	1 pc	75 pcs	600 pcs

PROTECTIVE CLOTH RISK ASSESMENT

Risk Assessment Method

Table 1. Probability and Intensity definitions for risk assessment.

Probability	1. too small probability	2. small probability	3. Middle probability	4. high probability	5. very high probability
Intensity	1. very slight	2. slight	3. middle	4. serious	5. very serious

Equality 1. Risk score
R = Probability x Intensity

Table 2. Risk matrix assessment chart.

Risk matrix assessment chart (R)						
R = Probability x Intensity		**Intensity**				
Probability	**1**	**1**	**2**	**3**	**4**	**5**
	2	**2**	**4**	**6**	**8**	**10**
	3	**3**	**6**	**9**	**12**	**15**
	4	**4**	**8**	**12**	**16**	**20**
	5	**5**	**10**	**15**	**20**	**25**

Table 3.Risk value action and timing chart

1-6 Acceptable Risk: Existing controls should be constantly monitored to keep the risk at this level.

8-15 Remarkable Risk: These risks should be intervened as quickly as possible.

16-25 Unacceptable Risk: Necessary measures should be taken immediately. Work should not be started or continued until at least Considerable Risk (8-15 points).

PROTECTIVE CLOTH RISK ASSESMENT

Risk Analysis and Evaluation

Risk analysis and assessment of protective garment and measures to be taken for these risks are given in the table below.

Hazard	Risk	Probability	Intensity	Result	Control and Precautionary Activity
Chemical splash or spill	Irritation and irritation of the skin	4	6	16	Using chemical protective garment in the type classification suitable for the purpose of use
Contamination of biological agents	Contagious disease	4	5	20	Using the garment in the type classification suitable for the place and purpose of use, as well as using additional protective equipment
Deformation in the product	Unforeseen negative effects that vary according to the purpose and environment of use	2	5	10	It is stated on the package that the product must be checked by the user before use.
Not wearing the apron correctly	Unforeseen negative effects that vary according to the purpose and environment of use	2	5	10	Clear demonstration of the correct method of wearing the product in the user manual
Allergic effect of the material	Health problems as a result of allergic reactions	1	4	4	Warnings about the use of the product by people with allergies in the user manual

Warning and Limitations

Make sure that the product is suitable for the application and fitted correctly. Product must never be altered or modified. Final determination as to the suitability of these products for a particular situation is the employer's responsibility.If you have questions you may contact Acar technical experts.

Storage and Disposal

- Store in dry, clean conditions in original packaging, away from direct sunlight,sources of high temperature, and solventvapours.
- Expected shelf life is three years from the date of manufacture when stored as stated.
- Replace garment if damaged, heavily contaminated or in accordance with local work practice or regulations.
- Handle and dispose of contaminated garments with care in accordance with applicable local regulations.

Standard Detail Descriptions

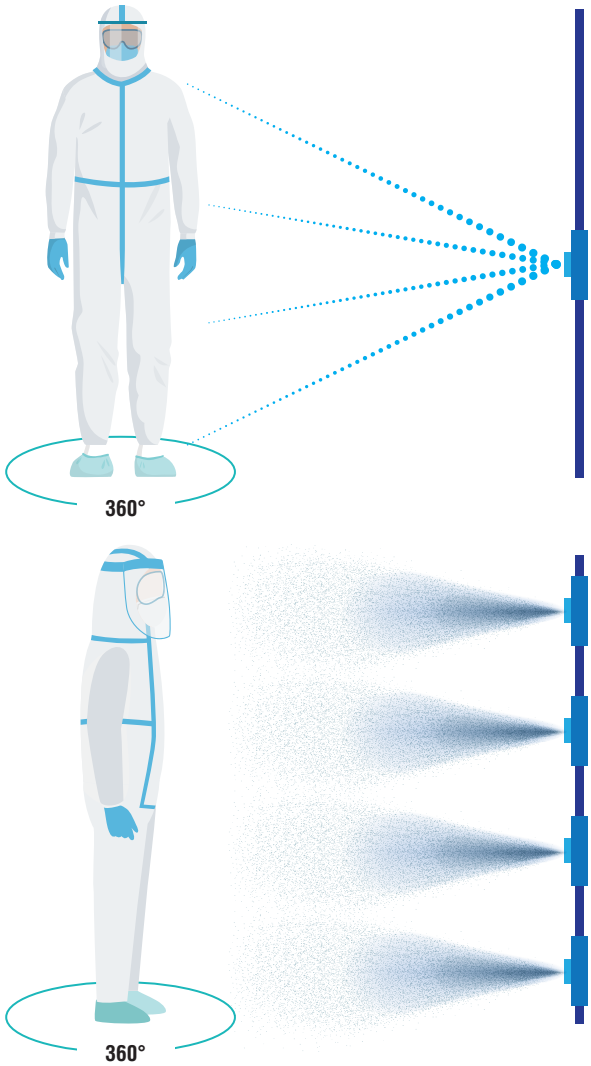
EN 14126:2003 Protective clothing against infective agents

This standard is used to demonstrate the performance of protective garments against infective agents. This is not a ‘stand-alone’ standard and needs to be combined with standards for Type 1, 2, 3, 4, 5 and/or 6 protective garment.

Types 1, 2 and 5 protective garments are required to be of the ‘full body’ type. Type 3, 4 and 6 protective garment standards include partial body ‘PB’ garments covering only a part of the body.

EN 14605:2005+A1:2009 Protective clothing against liquid chemicals — Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

- Type 3 chemical protective clothing for resistance to penetration by liquids, shall pass the continuous liquid jet test, and shall have materials that demonstrate chemical permeation resistance.
- Type 4 chemical protective clothing for resistance to penetration by liquids, shall pass the liquid spray test, and shall have materials that demonstrate chemical permeation resistance.
- Partial body protection garments offer protection to specific parts of the body against liquid chemicals. Examples of such garments are laboratory coats, jackets, trousers, aprons, sleeves, hoods (not air supplied), etc. As partial body protection leaves some parts of the body unprotected, only the performance requirements for the clothing material and the seams are required.



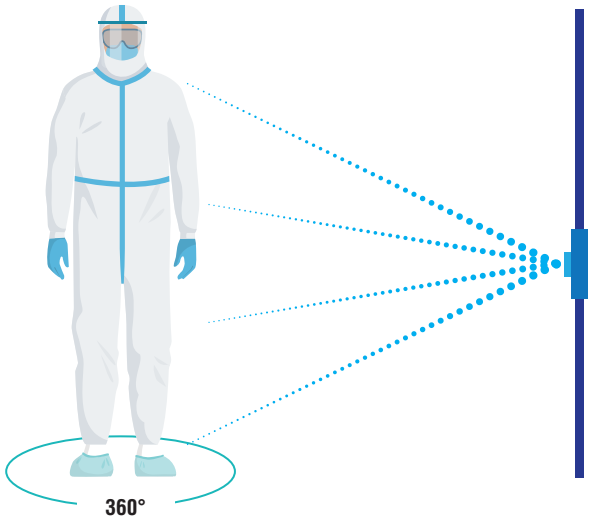
EN ISO 13982-1 Protective Clothing Used Against Solid Particles

The ISO 13982-1 standard describes the minimum requirements for chemical protective clothing resistant to penetration of solid particles carried in air. These clothes are clothes that fully protect the body. One-piece jumpsuits or two-piece suits fall into this group. This standard applies only to airborne solid particles. This standard cannot be applied to other forms such as solid chemicals.

Standard Detail Descriptions

EN 13034:2005+A1:2009 Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment)

- This document covers both chemical protective suits (Type 6) and partial body protection (Type PB [6]).
- Fabric must meet class 3 repellency for at least one of the 4 chemicals and class 2 for penetration against at least one of the 4 chemicals.
- Type 6 chemical protective suits shall fulfil the requirements of a modified spray test, when combined with additional protective equipment (i.e. for protection of hands, feet, face, head, respiration) as specified in the manufacturer's instructions. Partial body protection items (Type PB [6]) shall not be tested according to a modified spray test.



EN 1149-5:2008 -Electrostatic properties - Part 5: Material performance and design requirements

- BS EN 1149-5 is the European Standard for garments that protect against electrostatic discharge in areas where there is a risk of explosion such as petrochemical refineries and fuel distribution companies.
- Antistatic PPE is certified to EN1149-5 as this standard covers the performance requirements of the garments and refers to the choice of 2 different test methods (EN1149-1 or EN1149-3).
- EN 1149-1 Electrostatic properties (surface resistivity). Surface resistance is $\leq 2.5 \cdot 10^9$
- EN 1149-3 Electrostatic properties (inductive charge). $t_{50} < 4$ s or $S > 0.2$ values.

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