



detcorr™

PERSONAL PROTECTIVE CLOTHING Product Catalogue



DETCORR is **DE**dicated **To CO**rona wa**RR**iors. We set out on a mission to protect corona warriors at their line of duty by providing high quality and comfortable protective clothing. We named our company after the corona warriors for their selfless service. We promise the warriors that we will protect them till the end of this pandemic and beyond.

Our vision is to become a leading Indian company that stands parallel to Creativity and Innovation in global technical textile wearables industry.

We are the 1st Indian company to exclusively offer PPEs with international standards and we have a dedicated 8000 sq.ft production floor that is clean and hygienic and exclusive for PPE product. Our workers have thorough understanding of product requirement and why it is important to not compromise on quality.

QUALITY MEASURES FOLLOWED

All our products are compliant to BIS, CE and FDA standards.

Required testings are conducted for every batch at SITRA as per Bureau of Indian Standards' Guidelines.

All our products go through 3-point quality inspection before packing.

Along with government norms for COVID19 workplace safety, we implement an extra regulation to ensure the safety of our employees and to protect the products from contamination.

Our products are sealed permanently at the factory floor to avoid contamination until it reaches the user. Users must tear the pack to access the product.

As per limited studies so far, we know that COVID19 can survive on surfaces up to 5 days.

As an extra precautionary measure, we declare 'USE BY DATE' in our packaging, which is 7 days after the Manufacturing date. This process is followed to make sure the product is opened 7 days after it is sealed.





100% Designed, Sourced & Manufactured in India

The use of Personal Protective Equipment (PPE) at work is the most essential aspect to ensure safety of the user. The correct use of the most appropriate PPE can substantially increase safety and comfort and result in better productivity. We are the manufacturer of finest quality PPE products complying with all applicable EU requirements, such as safety, health and environmental protection. This provides total assurance of product manufacturing standards. We pay specific attention to the product designs with a specific focus on standards for ergonomics, comfort and convenience. Our products have been subjected to a series of tests on physical characteristics and finished product performance.

PRODUCT STANDARDS

The European Union Regulation (EU) 2016/425 defines the standards and testing parameters for various personal protective equipments which includes PPE kits. It defines legal obligations to ensure that PPE on the European market provides the highest level of protection against hazards for appropriate industries. This is an internationally recognized industry standard for all forms of personal protective equipment regulated by European Union. To sell personal protective equipment in European Union, the product must meet the standards provided in the directive and to verify that, a manufacturer must obtain CE marking certifications from notified body. CE marking is also a requirement for an automatic approval of FDA to sell the PPEs in United States.

LOOKING AHEAD

Regions beyond Europe are increasingly looking for CE certified products to ensure that PPE is up to standard for their workforce. Whilst not a legal requirement outside Europe, ensuring any PPE used is CE certified ensures it comes up to minimum performance standards and thus it ensures that manufacturers follow the required standards.

Is your PPE correctly CE Certified? How do you know?

PPE products for health care workers have to be made in specific standards for complete protection. Increasingly, regions outside Europe are turning to CE certification to ensure PPE is up to standard. Many products around the world appear to be CE certified – but they are not. This means that when purchasing PPE, procurement managers need to take a proactive approach to ensure the products are compliant and meet the new regulatory requirements. How can you tell if a garment is correctly CE certified or not?

CE marking for PPE can only be obtained from the notified bodies that are recognized by European Union located in Europe. Several agencies are exploiting COVID19 situation and providing unauthorized CE certification to the manufacturers.

OUR PROMISE

Internationally recognized compliance and inspection company has currently been hired for testing our products for CE certification. All products are designed and made in India which are compliant with BIS recognizable international standards.

Conformity of Europe Standards [CE Marking] - EUROPE



Food and Drug Administration USA

VERIFY THE AUTHENTICITY OF CE MARKING CERTIFICATE

Ask for the CE Marking certificate from your supplier and check whether it is certified by the notified body. If it is certified by the notified body, go to its website where you can enter the certificate number to verify it. Scan the given below QR code to find verified notified bodies listed directly in European Union website for (EU) 2016/425 regulation and others.



CATEGORY AND TESTING METHODS

Categoryl

Low risk - protection from particles, to be used in atmospheric conditions that are not extreme in nature

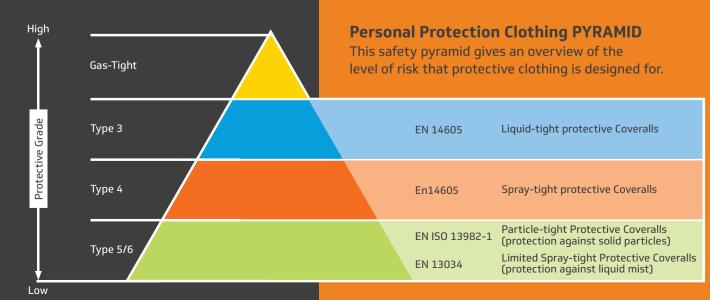
Category II

Medium risk – protection element that are not mentioned in Category I and III

Category III

High risk - protection from particles, biological agents, environments in which chemicals, machines, weapons and other harmful tools are used and which may cause serious prolonged illness and death.

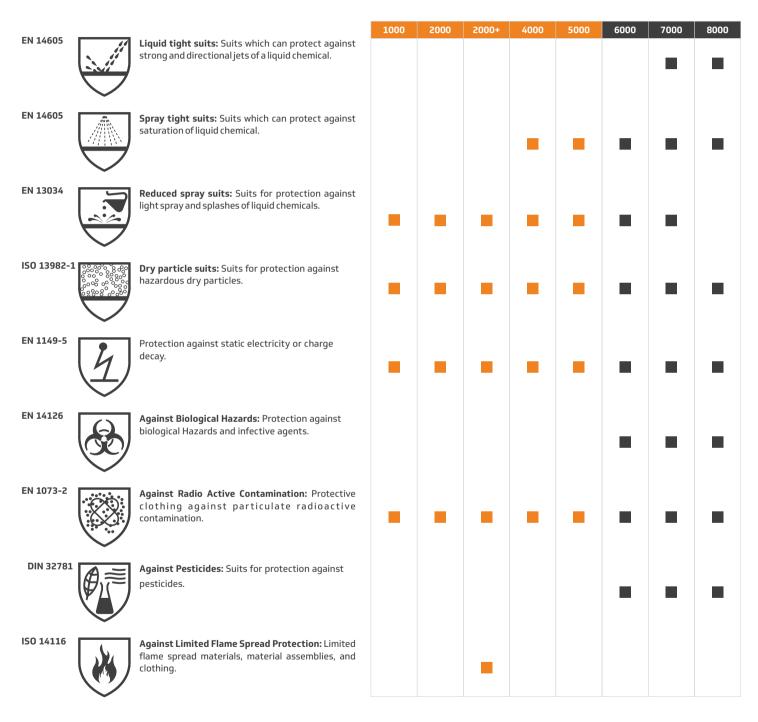




Disposable Protection Clothing

Guide to standards and products

All our products are manufactured with the compliance of EN340:2003 - which is the accepted standard for PPEs for the use of a fabric that is not allergic to the user.















ANTI-STATIC

DUST

MOISTURE

WET

BREATHABLE

TYPE 5/6

AREAS OF APPLICATION: Handling chemicals (dust / powder) Working with asbestos Wood processing Metal processing Powder coating Construction industry Automotive industry Grinding and polishing **Cement industry** Flour mills – food processing Mining and quarrying Pharmaceutical industry Repair / maintenance works **Fiberglass production** Home cleaning works Light industrial cleaning Waste management Printing industry **Paint splashes** Welding industry

18.61

PROTECTION AGAINST



PHYSICAL PROPERTIES:

- ▶ Type 5 coverall with 3 piece hood.
- Dual loops for the fingers prevent sleeves from sliding up on the hand.
- Ergonomically designed elasticated cuffs and waistband for protection and comfort.
- ▶ Thermoplastic polyurethane elastomer tape reinforced.

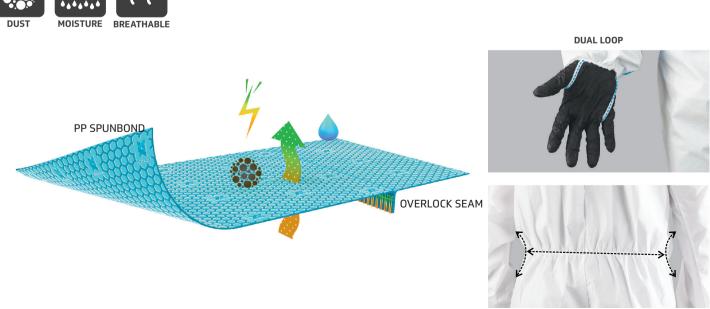
COMFORT AND PROTECTION PROPERTIES:

- Extremely light weight.
- ▶ Skin Friendly.
- Breathable.
- Protection from dust like materials.

This light weight coverall is made with Polypropylene Spunbond material. This provides effective protection against dust and particles from regular cleaning and maintenance works during domestic and industrial cleaning applications.







ELASTIC WAIST

Art. No	2000	
Comfort	99% of Micron Level Particles	
Material	Spundbond, Meltblown, Meltblown Spunbond	
Size	XS to UNI+	
Available Color	White, Custom	
MOQ	50 pieces	1

PROTECTION AGAINST



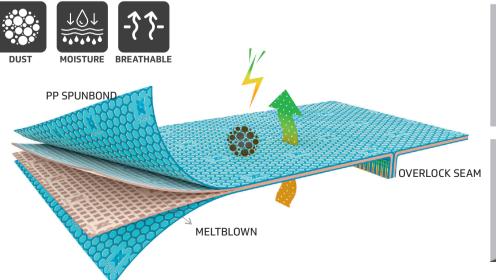
PHYSICAL PROPERTIES:

- ▶ Four layer non-woven fabric with meltblown middle layer.
- Increased particle filtration capacity than polypropylene non-woven.
- ▶ Type 5 coverall with 3 piece hood.
- > Dual loops for the fingers prevent sleeves from sliding up on the hand.
- Ergonomically designed elasticated cuffs and waistband for protection and comfort.
- > Thermoplastic polyurethane elastomer tape reinforced.

COMFORT AND PROTECTION PROPERTIES:

- Extremely light weight.
- ► Skin Friendly.
- Breathable.
- ▶ Suitable for light and non-toxic environment.
- Designed for Clean room application.

This light weight coverall is made with four layer of spunbond and meltblown materials. Increased particle filtration feature of these materials provide effective protection against chemicals in dust or powdered form and protection from regular cleaning and maintenance works during domestic and industrial cleaning applications.









ELASTIC CUFF

CORRTECH 2000+

Art. No	2001
Comfort	Liquid resistant, fire retardant, 97% of micron level particles
Material	Polypropylene Spunbond Flame Retardant treated
Size	XS to UNI+
Available Color	White, Custom
MOQ	1 Batch

PROTECTION AGAINST



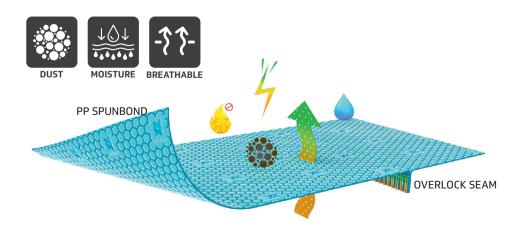
PHYSICAL PROPERTIES:

- ▶ Polypropylene Spunbond Fire Retardant treated.
- ▶ Type 5 coverall with 3 piece hood.
- > Dual loops for the fingers prevent sleeves from sliding up on the hand.
- Ergonomically designed elasticated cuffs and waistband for protection and comfort.
- Thermoplastic polyurethane elastomer tape reinforced.

COMFORT AND PROTECTION PROPERTIES:

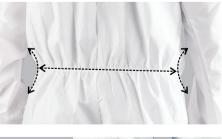
- Extremely light weight.
- ▶ Skin Friendly & Breathable.
- ▶ Suitable for light and non-toxic environment.
- Designed for fire retardant and liquid protection.
- Protects the user from light flames, flash fire, sparks and liquid spills.
- Strong fabric can withstand heavy machinery work environment to provide protection from light flames, flash fire and sparks.
- ▶ Suitable for engineering work machineries.

This light weight coverall is made with Polypropylene Spunbond material and it is Fire Retardant treated. This provides effective protection against chemicals in dust or particles from domestic and industrial cleaning applications.





ELASTIC WAIST





DUAL LOOP

Art. No	:	4000
Comfort		Harmful Chemicals, Mild Spray, Water Resistant
Material		Polypropylene Spunbond Laminated with Microporous Polyethylene Film
Size		XS to UNI+
Available Color		White, Custom
MOQ		25 pieces

PROTECTION AGAINST



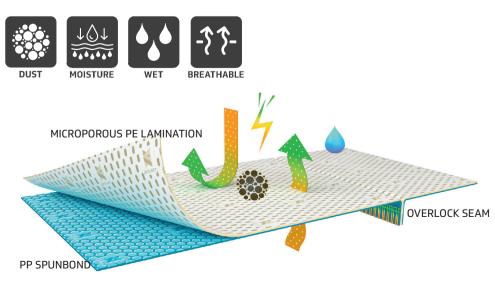
PHYSICAL PROPERTIES:

- Base layer fabric made of single layer spunbond non-woven fabric.
- ► Laminated with microporous polyethylene film.
- Elastic cuffs and waist provide all day comfort and fit.
- ▶ The zipper is covered with a resealable adhesive flap.
- ▶ It has 3 piece hood, Dual loops for the fingers.
- ▶ Thermoplastic polyurethane elastomer tape reinforced.

COMFORT AND PROTECTION PROPERTIES:

- Spill and spray tight suit.
- ▶ Extremely light weight.
- ▶ Skin Friendly & Breathable.
- Provides added comfort in long and sturdy working environments.

Extra lamination used in this material provides complete liquid spill protection, spray protection, chemical protection and particle protection. Microporous film layer provides breathability. The zipper and adhesive flap protects the user from exposure to toxic elements through the zipper hole.









LEG CUFF

Art. No	5000
Comfort	Infective agents, Harmful Liquid Spill, Water Proof
Material	Spunbond Meltblown Meltblown Spunbond Laminated with Microporous Polyethylene Film
Size	XS to UNI+
Available Color	White, Custom
MOQ	50 pieces

PROTECTION AGAINST



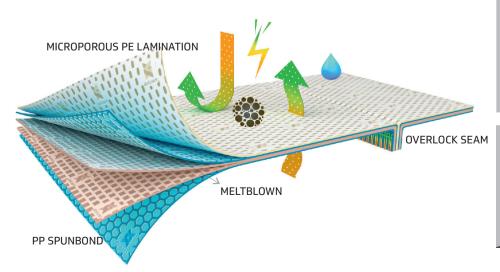
PHYSICAL PROPERTIES:

- Four fabric that is rich in Meltblown adds more filtration capacity to the suit.
- Laminated with microporous polyethylene film.
- Base layer fabric made of single layer spunbond non-woven fabric.
- ▶ It has 3 piece hood, Dual loops for the fingers.
- ▶ Thermoplastic polyurethane elastomer tape reinforced.
- ▶ The zipper is covered with a resealable adhesive flap.

COMFORT AND PROTECTION PROPERTIES:

- Spill and spray tight suit.
- Extremely light weight provides better comfort.
- ▶ Skin Friendly & highly breathable.
- Provides added comfort in long and sturdy work environments.

Extra lamination used in this material provides complete liquid spill protection, spray protection, chemical protection and particle protection. Microporous film layer provides breathability. The zipper and adhesive flap protects the user from exposure to toxic elements through the zipper hole.







DUAL LOOP





ELASTIC CUFF

TYPE 4&3

AREAS OF APPLICATION: Waste Management Agriculture Pest control Livestock Breeding Veterinary Use Pharma Industry Laboratory Works Working with Liquid Chemicals Oil and petrochemicals Oil and petrochemicals Tank cleaning Waste water treatment Drainage Work Disposal of Hazardous substances Industrial Cleaning Emergency Response Cleaning Contaminated Spots

ARTINE IDAD

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Art. No	:	6000
Comfort		Infective agents, Harmful Liquid Spill, Water Proof, Breathable, Taped
Material		Polypropylene Spunbond Laminated with Microporous Polyethylene Film - Seam Sealed
Size		XS to UNI+
Available Color MOQ		White, Custom 50 pieces

PROTECTION AGAINST



PHYSICAL PROPERTIES:

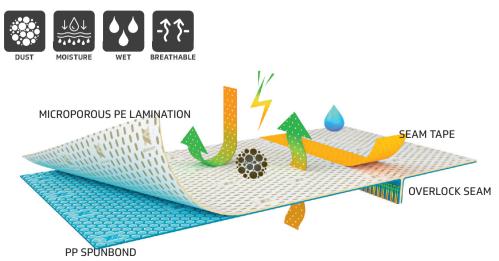
- Seams are sealed with Fabric adhesive tape for covering the needle hole which is vulnerable to penetration of virus and other matters.
- ► Laminated with microporous polyethylene film.
- Base layer fabric made of single layer spunbond non-woven fabric.
- Microporous film layer helps the fabric to breathe.
- ▶ Elastic cuffs and waist provide all day comfort and fit.
- The zipper is covered with a resealable adhesive flap to protect the user from exposure to toxic elements through zipper hole.

COMFORT AND PROTECTION PROPERTIES:

- Spill and spray tight suit.
- Extremely light weight provides better comfort.
- Skin Friendly & highly breathable.
- Provides added comfort in long and sturdy work environments.



Extra lamination used in this material provides complete liquid tight protection, chemical and particle protection. Microporous film layer provides breathability. Seam seal provides outstanding protection against liquid aerosols and solid particles. This provides effective protection against all microbes.





STORM FLAP

ZIPPER WITH FLAP

Art. No		7000
Comfort		Infective agents, Harmful Liquid Spill, Water Proof, Breathable, Particle Protection, Taped.
Material		Spunbond Meltblown Meltblown Spunbond Laminated with Microporous Polyethylene Film - Seam Sealed
Size		XS to UNI+
Available Color		White, Custom
MOQ	:	50 pieces

PROTECTION AGAINST



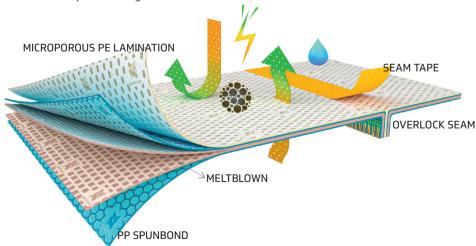
PHYSICAL PROPERTIES:

- Four fabric that is rich in Meltblown adds more filtration capacity to the suit.
- Seams are sealed with Fabric adhesive tape for covering the needle hole which is vulnerable to penetration of virus and other matters.
- Laminated with microporous polyethylene film.
- ▶ Base layer fabric made of single layer spunbond non-woven fabric.
- Elastic cuffs and waist provide all day comfort and fit.
- The zipper is covered with a resealable adhesive flap.

COMFORT AND PROTECTION PROPERTIES:

- Spill and spray tight suit.
- ▶ Extremely light weight provides better comfort.
- ▶ Skin Friendly & highly breathable.
- Provides added comfort in long and sturdy work environments.

Extra lamination used in this material provides complete liquid tight protection, chemical and particle protection. Microporous film layer provides breathability. Seam seal provides outstanding protection against liquid aerosols and solid particles. This provides effective protection against all microbes.











MOISTURE



ADHESIVE TAPE

Art. No	8000
Comfort	Liquid Tight, Highly Harmful Chemicals, Infective Agents, Anti-Static, Taped.
Material	Polypropylene Spunbond Laminated with Liquid Tight Polyethylene Film - Seam Sealed
Size	XS to UNI+
Available Color	White, Custom
MOQ	50 pieces

PROTECTION AGAINST



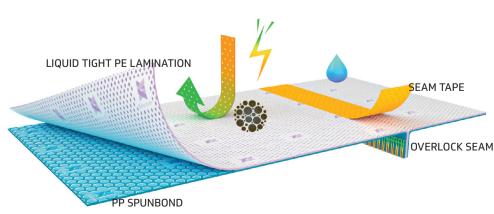
PHYSICAL PROPERTIES:

- ▶ PP Spunbond fabric.
- Seams are sealed with Fabric adhesive tape for covering the needle hole which is vulnerable to penetration of virus and other matters.
- Laminated with liquid tight polyethylene film.
- ▶ Base layer fabric made of single layer spunbond non-woven fabric.
- Elastic cuffs and waist provide all day comfort and fit.
- The zipper is covered with a resealable adhesive flap to protect the user from exposing to toxic element through zipper hole.

COMFORT AND PROTECTION PROPERTIES:

- Spill and spray tight suit .
- Extremely light weight provides better comfort.
- ▶ Skin Friendly & highly breathable.
- Provides added comfort in long and sturdy work environments.

Extra lamination used in this material provides complete liquid tight protection, chemical and particle protection. Microporous film layer provides breathability. Seam seal provides outstanding protection against liquid aerosols and solid particles. This provides effective protection against all microbes.







VET BREATHABLE

ELASTIC CUFF





ADHESIVE TAPE

DISPOSABLE SLEEVES

AREAS OF APPLICATION:

Travel Salons Restaurants Bars Laboratories Retail POS Food Processing Cleaning Businesses



1'S

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COVID19 DISPOSABLE SAFE SLEEVES

EX

Shoulders and arms are the common areas to come in contact with strangers most frequently. It's ingrained in our reflex that we use our arms to lean on any surface which can carry microbes. These sleeves are designed to prevent the spread of microbes by minimizing surface contact. This product has passed three point quality control inspections.

ADULTS

EXIT

KI	DS
22	00

Seam Sealed XS to UNI+ White, Custom

1000 nos.

Water Proof, Breathable, Particle

Spunbond Meltblown Meltblown Spunbond Laminated with Microporous Polyethylene

EXIT PULL TO OPEN

ALC: NO	2100
Comfort	Infective agents, Harmful Liquid Spill, Water Proof, Breathable, Taped
Material	Polypropylene Spunbond Laminated with Microporous Polyethylene
Film	Seam Sealed
Size	XS to UNI+
Color	White, Custom
MOQ	1000 nos.

PRODUCT FEATURES

Attractive Pattern Design Breathable Fabric Flexible Elastic Design Antimicrobial Coated Dual Loop Design

Stylish & Comfortable Skin Friendly Light Weight Water Resistant Elastane Cuff







Stay protected wherever you are. Take extra precaution.

HOT SEAM SEALING TAPE

Seams are sealed with tape which protects the users from exposure to harmful elements through needle holes.

- PEVA tape 170 microns
- Can withstand heat up to 350°C
- Anti-static

REINFORCED THREE-PIECE HOOD

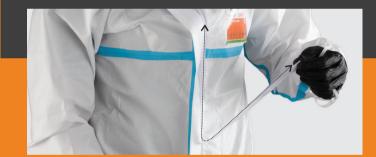
Our hood is made of three pieces which gives ample space and comfort to users. All the overlock seams in hood are stitched with Thermoplastic Polyurethane Elastomer tape and then reinforced with extra single stich for comfort and strechability on head and finally it is sealed with our seam sealing tape.

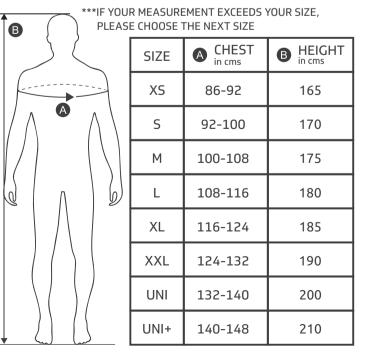
DUAL-LOOP SLEEVES

Sleeves are attached with D-Loop which gives the user an option to switch fingers whenever it is uncomfortable. Extra loop also acts as a backup if one is defaulted.

ADHESIVE STORM FLAP

All our PPE suits comes with adhesive storm flap which seals the zipper portion completely to give utmost protection.













PRODUCT TECH SHEET							
Tensile strength	ISO 13934-1 (MD/CD)	CLASS —					
Tear Resistance	EN ISO 9073-4	5					
Puncture resistance	EN 863	2					
Abrasion resistance	EN 530 Method 2	6					
Basis weight	49gsm to 65gsm	PASS					
Seam strength	EN ISO 13935-2	4					
Whole suit performance	EN 14126	5					
Hydrostatic Head Test	ISO 811:2018	PASS					
Flex cracking	EN ISO 7854:1995	6					
Synthetic blood penetration test	ISO 16603	PASS					
Dry microbial penetration test	ISO 22612	PASS					
WHO RECOMMENDED SPECIFICATIONS FOR COVID19 COVERALLS							

HOW TO DON A PPE SUIT

- ▶ Wash your hands with soap and sanitize it thoroughly.
- Check whether the PPE suit is suitable for your work environment.
- Check for appropriate size.
- Remove all your apparel accessories like watch, keys, ring etc. which may potentially puncture the suit.
- Open the suit and look for any damages and working condition of zipper.
- Put on the safety gloves and pull as far as back you can and hook your finger through the D-Loop provided.

- Put on the suit and zip it up to your hip.
- Put on your boots and shoe cover.
- Slide you hands through sleeve simultaneously and zip it up to your chest.
- Put on your mask, hood, and zip it up fully.
- Remove an adhesive tape from the storm flap slowly and paste the flap covering the zip and make sure it is completely sealed [seek assistance if needed].
- ► Sanitize your hands thoroughly.

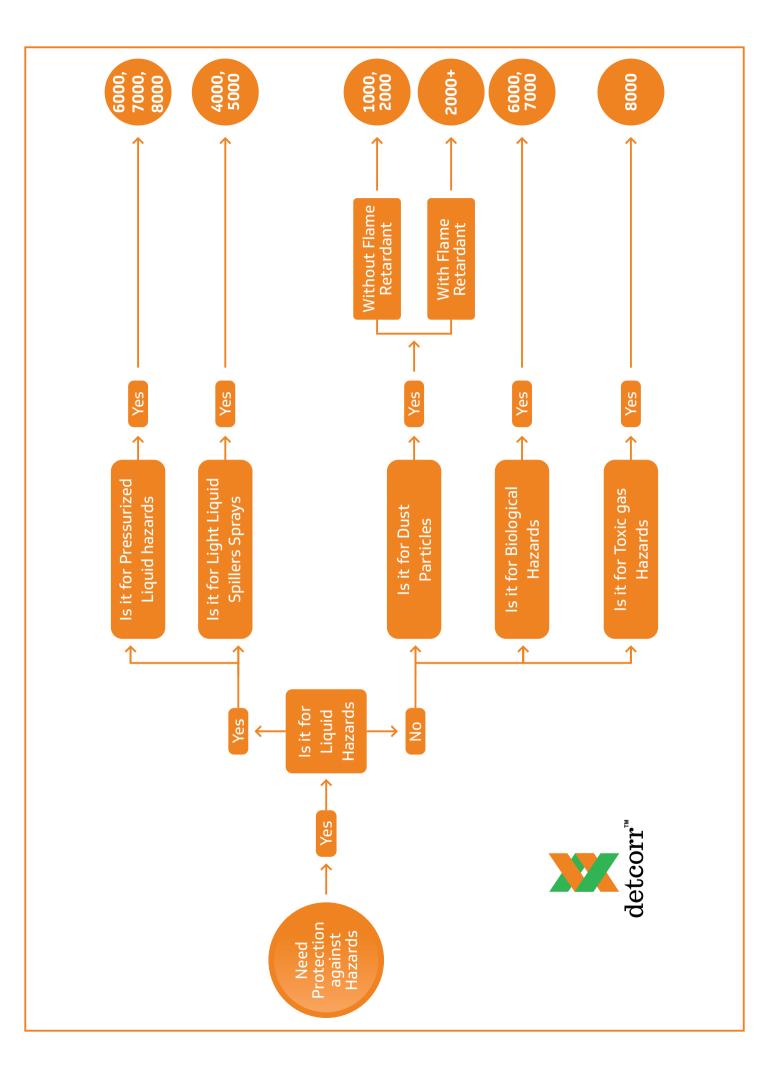
HOW TO DOFF A PPE SUIT

- Disinfect the safety gloves with sanitizer thoroughly; do not remove the gloves.
- Remove the face shield and hood, open the zip and remove the complete suit in an inside-out style including boots.
- PPE suit should be removed slowly and cautiously so as not to contaminate the wearer or surroundings.
- Remove the mask by pulling from front side.
- Dispose all the items inside the bio-hazard bag provided. This ensures no contaminated PPE clothing is left in the work area.
- Remove the safety gloves, dispose it and sanitize your hands.





Chemicals in dust or powdered formImage: state of the stat		1000	2000	2000+	4000	5000	6000	7000	8000
Oil and petrochemicalsImage of the second secon	Chemicals in dust or powdered form								
Waste water treatment and drainage workImage	Liquid chemicals at low concentrations								
Waste managementA.<	Oil and petrochemicals								
Disposal of hazardous substancesImage: Section of the	Waste water treatment and drainage work					•			
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Pest controlImage: selection of the selection of	Food industry		-						
Livestock breeding & medicationsImage: selection of the selection	Agriculture		-						
Painting and varnishingImage: select or s	Pest control					-		-	
Pharmaceutical industry and laboratory workImage: second seco	Livestock breeding & medications								
Industrial and building cleaningII <</td IIIIIIIIIIIIIIIIIIIIIII	Painting and varnishing		-						
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Low-pressure industrial cleaning and building cleaningImage: Second	Industrial and building cleaning								
Demolition and refurbishmentImage: second secon	Cleaning and maintenance work								
Working with asbestosImage: second secon	Low-pressure industrial cleaning and building cleaning								
Fiberglass production and processingImage: Second seco	Demolition and refurbishment					-			
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Cement manufacturingImage: select	Fiberglass production and processing								
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Grinding and polishing	Cement manufacturing								
	Wood and metal processing								
	Grinding and polishing								
Varnishing and protection against paint splashes	Varnishing and protection against paint splashes								



OUR GROUP COMPANIES

DETCORR RESEARCH AND DEVELOPMENT OF TECHNICAL TEXTILE WEARABLES

STARWALK FASHIONS KNITTED GARMENTS MANUFACTURING AND EXPORTS

NIARA MODES FASHION BUYING HOUSE AND MERCHANDISING SUPPORT VENTURE

We aspire to be a leading manufacturer of protective clothing for varied applications and industries. We employ a user-centric research and design model involving a team of designers, engineers and consultants. We have ideated the following products for personnel who require protection from a multitude of elements. These products are now in the research phase.

CORRTECH – Disposable protective clothing

Coveralls for various applications; be it domestic cleaning purposes to protect users from gaseous atmosphere.

AWESS – ALL workplace wearables (Air, Water, Earth, Sun and Space)

Work wear should provide comfort and safety for longer hours. The product which we develop gives protection from all environments; be it deep sea to space.

DEFTEC–Protective wearables for defense personnel

Protective clothing for defense personnel is usually expensive and at times it doesn't provide complete protection due to design flaws. We intend to eliminate the flaws and increase the comfort for the wearers so that they can perform effectively in the field for longer hours.

SAVCBRN – Protective wearables for CBRN emergency response crew situation

Chemical, biological, radiological and nuclear accident and threat response teams need utmost protection in their line of duty. They are the first responders in containing any disaster.









DETCORR Private Limited

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