



# MEDICAL PROTECTIVE CLOTHING

TYP 6-5/ 4-3





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## Our Quality and Strengths

High-quality products begin with investing in technology. At our company, we prioritize technology and customer satisfaction by conducting extensive research and development in our laboratories prior to marketing and producing any product. Our comprehensive approach to service delivery allows us to make a positive impact at almost every touchpoint in the customer experience. We take pride in our ability to provide cost-effective solutions by producing high-performance products at lower costs. In addition to leveraging the support of our other brands and their values, we collaborate with strategic brands like Opia to further enhance the quality of our B2B/B2C offerings. Our ultimate goal is to create innovative products that meet the needs of our global customer base. We strive to analyze and understand the demographic, regional, and global characteristics of our customers in order to develop tailored solutions that meet their unique needs.











## Opia Protective Coveralls




Designed for high protection and comfort, OPIA has a wide range of high quality coveralls that offer a breathable defect and CE certified protection. This range provides protection against many dangers and effective wearing comfort.

# STANDARDS

This section discusses the various tests and standards that apply to protective overalls. When selecting a product, it is important to ensure that it has a CE certificate indicating that it is approved for use as a coverall in risk class category III. For products designed for hazardous applications, it is essential to confirm that they have been tested and approved in accordance with one of the six different "Types" standards. These standards provide guidance on the appropriate use of protective overalls in specific hazardous environments.

Category	Symbol	Protection type	Standard	OPIA Products
Category III 		1. Gas impermeable	EN 943 -1	-
		2. Gaz permeable	EN 943 -1	-
		3. Protection against liquid jet	EN 14605	OIM -0401 MDR -401 END -401
		4. Protection against liquid spray	EN 14605	OIM -0401 MDR -0401 END -0401
		5. Protection against hazardous particle	EN ISO 13982	OIM -0301 MDR -0301 END -0301 OTP -0301
		6. Protection against liquid splashes	EN 13034 +A1	OIM -0301 MDR -0301 END -0301 OTP -0401
		7. Determines general characteristics such as harmlessness and comfort for all types	EN 13688	OIM -0401 OIM -0301 MDR -0301 MDR -0401 END -0301 END -0401

Some of OPIA Protective Coveralls and the materials used in them are approved according to additional standards for specific applications.

Standard / Symbol	Protection Type
 EN 14126	Protection Against Microorganisms
 EN 1073 -2	Protection Against Radioactive Particles
 EN 1149 -5	Antistatic



OPIA Protective overalls offer various options depending on your needs on a sectoral basis.

### Usage areas

- Popular Choice
- Light industrial cleaning
- Machine maintenance
- Spray paint and powder coating
- Coating and resin applications
- Crime scene Investigation
- Asbestos inspection
- Facility preparation, insulation
- Metal sanding and polishing
- Oily / slippery environments
- Cement production
- Clean rooms
- Forensic Medicine
- Clinics
- Hospitals
- Intensive Care Units
- Emergency Services
- Laboratories
- Asbestos removal
- Pharmaceutical processing
- Working with toxic dusts
- Spraying insecticide
- Mixing chemicals and working with chemicals
- Chemical/oil spills and cleaning
- Metal refining
- Metal engraving printing
- Hazardous waste treatment
- Decontamination/Closing the facility
- Harmless biological substances/biological hazards
- Working with toxic dusts



# OPIA OIM-0301

## PRODUCT DESCRIPTION

OPIA Protective Coverall OIM-0301 Provides breathable comfort thanks to its microporous surface with PP Laminated nonwoven (non-woven fiber) technique to be protected from dirt, oil, dust and light chemical splashes. It has successfully passed the tests against pathogens arising from liquids, radioactive particles, wet environment bacteria, biologically polluted dust, charging, reducing the risk of sparks and PH ratio. Thanks to its structure that provides water vapor output, it fits the body perfectly during many applications and provides protection during movement with the perfect design of the garment and its completely ergonomic shape.

## TECHNICAL SPECIFICATIONS

- Extremely light and breathable material guarantees a perfect combination of comfort and safety
- Particle proof and limited spray proof
- Does not contain substances that interact with wetting chemicals
- Material: PP endless fiber/laminated PE film, UV protection factor UPF 50+
- Certified to the following standards: EN 14126, ISO 13982-1 – type 5, EN 13034 – type 6, EN 1149-5, EN 1073-2
- Self-adhesive zipper flap for best protection
- It has antistatic feature.
- Protection against infectious diseases
- Lining from skin-friendly, non-woven material
- Elastic waistband for a perfect fit
- The hoodie sits securely and comfortably on the body thanks to the elastic bands on the arms and legs.
- Color: White
- Material: SMS/SMMS + PP/PE
- Size: S, M, L, XL, 2XL, 3XL, 4XL

## STORAGE

- Store in a dry and clean place at -5 and +25°C in its original packaging, away from solvent vapors.
- When removing contaminated clothing, care must be taken to ensure that the wearer is not contaminated with any hazardous materials. If the garment is soiled, decontamination procedures should be followed before removing the garment.
- Handle and dispose of contaminated clothing with care in accordance with applicable local regulations.
- Expected shelf life is three years from date of manufacture when stored as specified.

## USAGE AREAS

- Working with chemicals in powder and powder form
- Varnish application and protection against paint splashes
- Glass fiber production and processing
- Industrial cleaning and maintenance
- Automotive industry
- Grinding and polishing
- Working with chemicals in powder and powder form
- Varnish application and protection against paint splashes
- Glass fiber production and processing
- Industrial cleaning and maintenance
- Automotive industry
- Grinding and polishing



ISO 9001  
ISO 13485



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ISO 13795-1  
ISO 22612  
ATCC 9372



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10993-7 10993-17  
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LEVEL I-II-III-IV





# OPIA OIM-0401

## PRODUCT DESCRIPTION

The Protective Overall is made with elastic components to ensure protection and comfort for the head, waist, arms, and ankles during work. It is resistant to abrasion, tearing, and friction, and features high breathability that reduces heat and sweating during active use. Additional protective measures include an adhesive chin and zipper flap, reinforced suture areas, and blue stripes suitable for medical use. The Protective Overall OIM-0401 is compliant with category III PPE requirements.

## TECHNICAL SPECIFICATIONS

- Overalls color is white.
- Provides significant protection against dust and light liquid splashes.
- Complies with EN 14126 and protects against certain biological hazards.
- Taped seams for added protection.
- Breathable microporous laminate fabric reduces the risk of heat stress.
- Skin-friendly nonwoven inner material.
- Elastic waist, ankles and wrists provide ease and freedom of movement.
- Front zipper covered with storm flap for added protection.
- It has antistatic feature.
- No latex or silicone is used in the making of this product.
- Color: White (Blue stripe coating for extra protection)
- Material: SMS/SMMS PP + PE
- Size: S,M,L,XL,2XL,3XL,4XL

## STORAGE

- Store in a dry and clean place at -5 and +25°C in its original packaging, away from solvent vapors.
- When removing contaminated clothing, care must be taken to ensure that the wearer is not contaminated with any hazardous materials. If the garment is soiled, decontamination procedures should be followed before removing the garment.
- Handle and dispose of contaminated clothing with care in accordance with applicable local regulations.
- Expected shelf life is three years from date of manufacture when stored as specified.

## USAGE AREAS

- Asbestos inspection
- Coal dust cleaning in power plants
- Metal polishing
- Light-duty building cleaning
- Machine or vehicle maintenance
- Paint spraying
- Medicine
- General industrial cleaning
- Insulation laying
- Woodworking
- General powder handling
- Environmentally controlled clean room.



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10993-1 10993-11  
10993-3 10993-12  
10993-5 10993-15  
10993-7 10993-17  
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LEVEL II-III-IV



# OPIA MDR-0301

## PRODUCT DESCRIPTION

MDR-0301 Protective overalls are produced from microporous high protective materials, SMMS materials and special coating lamination materials, providing maximum comfort while providing protection by resisting static electricity, anti penetration, various organic solvents, acids and alkalis. It meets Category III PPE requirements. CE approved within the scope of Personal Protective Equipment Regulation (EU) 2016/425. Complies with the 2017/745 MDR (EU) regulation.

## TECHNICAL SPECIFICATIONS

- Excellent barrier against dry particles and certain limited liquid chemical splashes (CE Type 5/6)
- Laminated microporous material
- 2-way zipper with wind flaps for added on-off convenience and extra protection
- Elastic cuffs, waist and ankles for better fit and freedom of movement.
- Very little fiber
- COLOR:Blue,White
- MATERIAL: SMS/SMMS +PP/PE
- Size: S,M,L,XL,2XL,3XL,4XL



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10993-3 10993-12  
10993-5 10993-15  
10993-7 10993-17  
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LEVEL H-III-IV

## STORAGE

- Store in a dry and clean place at -5 and +25°C in its original packaging, away from solvent vapors.
- When removing contaminated clothing, care must be taken to ensure that the wearer is not contaminated with any hazardous materials. If the garment is soiled, decontamination procedures should be followed before removing the garment.
- Handle and dispose of contaminated clothing with care in accordance with applicable local regulations.
- Expected shelf life is three years from date of manufacture when stored as specified.

## USAGE AREAS

- Pharmaceutical industry, agricultural industry
- Hospitals, clinics, intensive care units, emergency services, laboratories
- Spray paint retouching works, spray paint works
- Crime scene Investigation
- Veterinary services
- In sterile environments
- Painter's overalls
- Asbestos removal and cleaning operations
- In cemented production areas
- Metal grinding and polishing processes
- Light industrial cleaning and machine maintenance
- In the printing industry
- Suitable for spraying pesticides and working with mild chemicals during pharmaceutical processes and working with toxic powders.





# OPIA OTP-0301

## PRODUCT DESCRIPTION

OTP-0301 Protective overalls are produced from microporous high protective materials, SMMS materials and special coating lamination materials, providing maximum comfort while providing protection by resisting static electricity, anti penetration, various organic solvents, acids and alkalis. It meets Category III PPE requirements. CE approved under the personal protective equipment regulation (EU) 2016/425. Complies with the 2017/745 MDR (EU) regulation.

## TECHNICAL SPECIFICATIONS

- Excellent barrier against dry particles and certain limited liquid chemical splashes (CE Type 5/6)
- Laminated microporous material
- 2-way zipper with wind flaps for added on-off convenience and extra protection
- Elastic cuffs, waist and ankles for better fit and freedom of movement.
- Very little fiber
- COLOR:Blue,White
- MATERIAL: SMS/SMMS +PP/PE
- Size: S,M,L,XL,2XL,3XL,4XL

## STORAGE

- Store in a dry and clean place at -5 and +25°C in its original packaging, away from solvent vapors.
- When removing contaminated clothing, care must be taken to ensure that the wearer is not contaminated with any hazardous materials. If the garment is soiled, decontamination procedures should be followed before removing the garment.
- Handle and dispose of contaminated clothing with care in accordance with applicable local regulations.
- Expected shelf life is three years from date of manufacture when stored as specified.

## USAGE AREAS

- Pharmaceutical industry, agricultural industry
- Hospitals, clinics, laboratories
- Spray paint job, spray paint job
- Crime scene investigation
- Veterinary services
- Sterile environments
- Asbestos removal and cleaning
- Cement production areas
- Metal grinding and polishing works
- Light industrial cleaning and machine maintenance
- Printing and printing industry



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10993-1 10993-11  
10993-3 10993-12  
10993-5 10993-15  
10993-7 10993-17  
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LEVEL I-II-III-IV



# OPIA MDR-0401

## PRODUCT DESCRIPTION

Protective coveralls are designed to protect workers from high-pressure liquid jets (Type 3), low-pressure liquid sprays (Type 4), hazardous dusts (Type 5), and light liquid splashes (Type 6). These coveralls are intended to be worn over underwear and are designed to provide protection against ignitable electrostatic discharge when properly grounded. It meets category III PPE requirements. It is CE approved under Personal Protective Equipment Regulation (EU) 2016/425. It is also compliant with the 2017/745 MDR (EU) regulation.

## TECHNICAL SPECIFICATIONS

- Provides significant protection against dust and light liquid splashes.
- Complies with EN 14126 and provides protection against specific biological hazards.
- Taped seams for added protection.
- Breathable micro-porous laminate fabric reduces heat stress risk.
- Skin-friendly non-woven inner material.
- Elastic waist, ankle and wrist provide ease and freedom of movement.
- Front zipper covered with storm flap for additional protection.
- Treated as antistatic.
- No latex or silicone is used in the production of this product.
- COLOR: White (with blue stripe coating for extra protection)
- MATERIAL: SMS/SMMS + PP/PE
- SIZE: S, M, L, XL, 2XL, 3XL, 4XL

## STORAGE

- Store in original packaging, away from solvent vapors, in a dry and clean place at -5 to +25°C.
- When removing contaminated clothing, care should be taken to ensure that the user is not contaminated with any hazardous substance. If the garment is contaminated, decontamination procedures should be followed before removing the garment.
- Use and dispose of contaminated clothing carefully in accordance with applicable local regulations.
- The expected shelf life is three years from the date of production when stored as indicated.

## USAGE AREAS

- Machine or vehicle maintenance.
- Paint spraying.
- Pharmacy.
- General industrial cleaning.
- Clean room applications.
- Pharmaceutical industry.
- Automotive industry.
- Laboratory.
- Pharmaceutical processes.
- Hazardous dusts.
- Insulation.



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10993-7 10993-17  
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LEVEL III-III-IV





# OPIA END-0301

## PRODUCT DESCRIPTION

END-0301 is designed for comfort. At the same time, it provides high-level protection according to category III of PPE directive and type 5/6 standards. It provides protection against radioactive particles and biological substances, reduces static charge accumulation, and has been certified to have low linting; thus, it is suitable for a wide range of applications, including many cleanroom environments.

## TECHNICAL SPECIFICATIONS

- Provides excellent barrier to dry particulates and some light liquid chemical splashes (CE Type 5/6)
- Tested for biological substance protection according to EN14126 (Test 5B & 6B)
- Durable, form-fitting, micro-porous laminate material
- Full-cover, two-way zipper with storm flap for easier donning and extra protection
- Tricot cuffs, elastic waist and ankle cuffs for greater comfort and freedom of movement
- Very low linting
- Antistatic treatment
- Sold in vacuum-packed packages for space-saving storage
- Color: Yellow
- MATERIAL: SMS/SMMS+PP/PE
- Sizes: S, M, L, XL, 2XL, 3XL, 4XL

## STORAGE

- Store in a dry and clean place at -5 and +25°C in its original packaging, away from solvent vapors.
- When removing contaminated clothing, care must be taken to ensure that the wearer is not contaminated with any hazardous materials. If the garment is soiled, decontamination procedures should be followed before removing the garment.
- Handle and dispose of contaminated clothing with care in accordance with applicable local regulations.
- Expected shelf life is three years from date of manufacture when stored as specified.

## USAGE AREAS

- Asbestos inspection and removal.
- Facility preparation, insulation
- Cement production
- Sanding and polishing
- Pharmaceutical processing and working with toxic powders
- Metalscience.



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ATCC 9372



10993-1 10993-11  
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LEVEL HI-III-IV



# OPIA END-0401

## PRODUCT DESCRIPTION

END-0401 protective coveralls are functional coveralls that provide superior protection against contamination while constantly maintaining user comfort. They are internally sewn and have low levels of air permeability, providing high-performance working conditions for users. They offer superior protection against very small particles (up to 1 micron), radioactive particles, and inorganic chemicals. They do not contain halogens, making them easy and quick for users to dispose of. They have a zippered structure that enhances their sealability. They include elastic ankle, waist, and wrist cuffs that enhance mobility.

## TECHNICAL SPECIFICATIONS

- Resistance up to 5 bar pressure.
- 100% particle impermeable.
- Biological protection - meets the EN 14126 standards in the highest class.
- Protection against radioactive particles.
- High resistance to chemicals used during decontamination process.
- Easy and economical disposal as it does not contain halogen materials.
- Elastic hood design with self-adhesive chin cover.
- Self-adhesive double-layer zipper cover.
- Elastic waist, sleeve and ankle cuffs.
- Sewn and taped from the top.
- Antistatic (inside).
- Strong barrier against high concentration inorganic chemicals and biological agents.
- Superior protection against organic chemicals.
- Resistant to liquid splashes up to 5 bar.
- Elastic cuffs on sleeves and ankles.
- White (with orange stripe coating for additional protection)
- Sizes: S, M, L, XL, 2XL, 3XL, 4XL
- Material: SMS/SMMS+PP/PE

## STORAGE

- Store in a dry and clean place at -5 and +25°C in its original packaging, away from solvent vapors.
- When removing contaminated clothing, care must be taken to ensure that the wearer is not contaminated with any hazardous materials. If the garment is soiled, decontamination procedures should be followed before removing the garment.
- Handle and dispose of contaminated clothing with care in accordance with applicable local regulations.
- Expected shelf life is three years from date of manufacture when stored as specified.

## USAGE AREAS

- Medical sector (Health sector).
- Pharmaceutical industry.
- Protection against paint splashes, varnishing and coating.
- Fiberglass production and processing.
- Industrial cleaning and maintenance.
- Automotive industry.
- Grinding and polishing.
- Cement production.
- Mining and quarrying activities.
- Demolition and renovation.
- Working with asbestos.
- Wood and metal processing.
- Construction sector.



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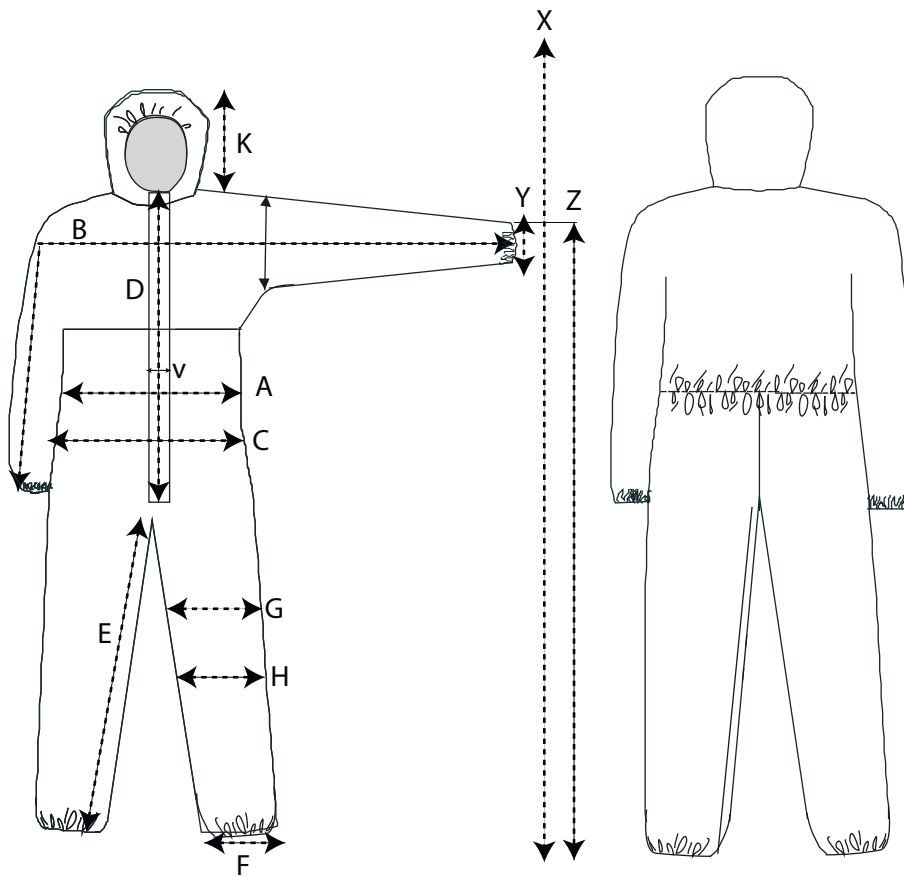


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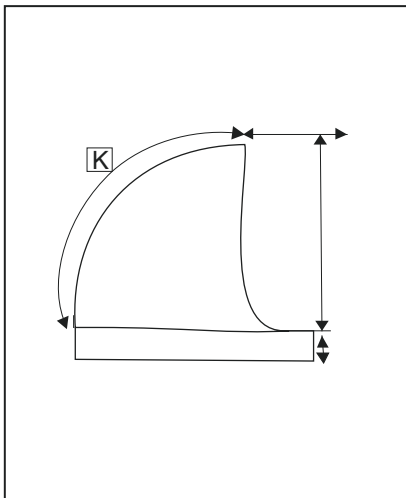


LEVEL I-II-III-IV





- A- Elastic waist measurement
- B- Shoulder to shoulder sleeve cuff measurement
- C- Hip to body measurement
- D- Body length
- E- inner leg length
- F- Ankle elastic measurement.
- G- Thigh part
- H- Knee width measurement
  
- K-Hood length
- V-Tape width
  
- Y - Elastic arm cuff measurement
- Z - Body length from shoulder
- X-Hooded Length size



		S	M	L	XL	2XL	3XL	4XL	Tol.
Elastic waist measurement	A	58	58	60	64	68	70	72	+/- 2
Shoulder to shoulder sleeve cuff measurement	B	174	176	178	180	180	182	184	+/- 2
Hip to body measurement	C	60	60	62	66	70	72	74	+/- 2
body length	D	81	83	86	89	90	92	93	+/- 2
Inner leg length	E	72	74	76	78	80	80	81	+/- 2
Ankle elastic measurement.	F	25	25	25	26	27	27	27	+/- 1
Thigh part	G	33	33	34	35	37	37	38	+/- 1
Knee	H	27	28	30	30	32	32	33	+/- 1
Hood length	K	35	35	36	36	37	38	38	+/- 1
Tape width	V	5	5	5	5	5	5	5	+/- 0.5
Arm Cuff	Y	8.5	8.5	9	9	10	10	10	+/- 1
Body length from shoulder	Z	153	158	162	167	170	172	174	+/- 3
Hooded Length size	X	188	192	198	203	207	210	212	+/- 3



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