



Innovation  
Health & Medical

# MEDICAL OVERALLS

## TYPE 6-5 /4-3





# Our Quality and Strengths

## Our Quality and Strengths

Quality begins with technological investment. In our R&D laboratories, we work on technology, customer satisfaction, and meeting the desired demands prior to marketing and producing each product.

Along with the numerous services we offer, we leave our imprints at almost every turn. We assist our customers in lowering their costs by producing higher-performance products at lower prices.

Opia Medical along with other strategic brands, we are proud to offer the support from our brands and brand values to our customers in our B2B/B2C works.

Our objective is to create new products for the industries we serve around the world; it develops its requirements by analysing global, regional, and demographic characteristics of our customers.













# Opia Protective Overalls




Designed to provide maximum protection and comfort. OPIA offers a wide selection of high-quality overalls with breathable comfort and **CE** certification. This collection offers protection against a variety of hazards as well as effective wearing comfort.

# STANDARDS

There are numerous tests and standards for protective overalls. This section provides you with various options for selecting the best product. overalls have an approved **CE** certificate as of risk class category III. Products for hazardous applications are tested and approved in accordance with each of six different "Types" standards, which provide guidance on proper use.

Category	Symbol	Protection Type	Standard	OPIA Products
<b>CE Category III</b> 		1. Gas Tight	EN 943 -1	-
		2. Gas leaking	EN 943 -1	-
		3. Protection against liquid jet	EN 14605	OIM -0401 MDR TYPE 3 -501 END TYPE 3 -601
		4. Liquid Splash Protection	EN 14605	OIM -0401 MDR TYPE 4 -502 END TYPE 4 -602
		5. Protection against Hazardous Particulates	EN ISO 13982	OIM -0301 MDR TYPE 5 -503 END TYPE 5 -603
		6. Splash Protection	EN 13034 + A1	OIM -0301 MDR TYPE 6 -504 END TYPE 6 -604
		7. It determines general characteristics such as safety, design, and comfort for all types.	EN 13688	OIM -0401 OIM -0301 MDR TYPE 3 -501 END TYPE 3 -601 MDR TYPE 4 -502 END TYPE 4 -602 MDR TYPE 5 -503 END TYPE 5 -603 MDR TYPE 6 -504 END TYPE 6 -604

Some OPIA Protective overalls and the materials used in them have additional approvals for specific applications.

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



OPIA Protective overalls come in a variety of styles to meet your specific needs.

## Usage Areas

- Popular Option
- General industrial cleaning
- Machine maintenance
- Spray paint and powder coating
- Coating and resin applications
- Crime scene investigation
- Asbestos inspection
- Site preparation, insulation
- Metal sanding and polishing
- Oily/slippery environments
- Cement production
- Clean rooms
- Forensic Medicine
- Hospitals
- Clinics
- Intensive Care Units
- Emergency Departments
- Laboratories
- Insecticide spraying
- Chemical mixing and handling
- Working with toxic powders
- Spraying insecticide
- Chemical mixing and handling
- Chemical/oil spills and clean-up
- Metal refining Edition of metal carving
- Hazardous waste reclamation
- Decontamination/Plant closure
- Non-harmful biological materials/biohazards





# Opia OIM - 0301



## PRODUCT DESCRIPTION

OPIA OIM-0301 Protective overalls Its microporous surface with PP Laminated nonwoven (non-woven fibre) technique provides breathable comfort while protecting against dirt, oil, dust, and light chemical splashes. It fits the body perfectly during many applications due to its perfect design and completely ergonomic shape, which has successfully passed the PH ratio tests, against pathogens, radioactive particles, wet environment bacteria, biologically polluted dust, charging, sparking risk, and PH ratio tests. Provides movement protection.

## TECHNICAL SPECIFICATIONS

- The material is so lightweight and breathable that it ensures the ideal balance of comfort and security.
- Does not include any compounds that could interact with wetting chemicals
- Limited spray proof and particle proof
- Material: UV protection factor UPF 50+, PP endless fibre, laminated PE film
- The following standards have been certified: EN 14126, ISO 13982-1-type 5, EN 13034-type 6, EN 1149-5, and EN 1073-2.
- Self-adhesive zipper flap for best protection
- Antistatic property
- Protection against infectious diseases
- Skin lining in friendly, non-woven material
- Elastic waistband for a perfect fit
- The hoodie fits securely and comfortably to the body thanks to the elastic bands on the arms and leg
- Material: PP+PE
- S,M,L,XL,2XL,3XL,4XL

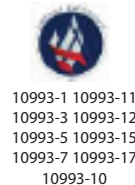


## STORAGE

- Store in its original packaging at -5 to +25°C, away from solvent vapours.
- When removing contaminated clothing, care must be taken to ensure that the user is not contaminated with any hazardous materials. If the clothing is soiled, decontamination procedures must be followed before it is removed.
- Handle contaminated clothing with care and dispose of it in accordance with local regulations.
- Expected shelf life is one year from date of manufacture when stored as specified.

## FIELDS OF USE

- Working with chemicals in powder and powder form ,
- Varnish application and protection against paint splashes,
- Glass fibre production and processing,
- Industrial cleaning and maintenance,
- Automotive industry,
- Grinding and polishing,
- Hospitals, Clinics, Laboratories,
- Cement production,
- Mining and quarrying,
- Demolition and renovation,
- Wood and metal processing,
- Construction industry,
- Clean room applications,
- Pharmaceutical sector.



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# Opia OIM - 0401



ISO 9001  
ISO 13485



UDM  
MDR CE 2696  
M.2022.MDR.1002



CE 2841



CENTROCOT  
Innovation experience  
ISO 13795-1  
ISO 22612  
ATCC 9372



10993-1 10993-11  
10993-3 10993-12  
10993-5 10993-15  
10993-7 10993-17  
10993-10



LEVEL I-II-III-IV

## PRODUCT DESCRIPTION

OIM-0401 PROTECTIVE OVERALL meets Category III PPE requirements.

Because the head, waist, arms, and ankles are constantly in motion while working, they must be elastic in order to provide the necessary protection and comfort. It is abrasion, tearing, and friction resistant. It keeps the body drier and cooler during active use due to its high breathing feature, which reduces heat generation and sweating in the body during movement. The level of protection has been increased thanks to the adhesive chin and zipper flap. Suture areas have been reinforced with blue stripes and made suitable for all medical applications.

OIM-0401 PROTECTIVE OVERALL meets Category III PPE requirements.

## TECHNICAL SPECIFICATIONS

- Colour of overalls 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.
- Colour: White
- Material: PP + PE
- S,M,L,XL,2XL,3XL,4XL



## STORAGE

- Store in its original packaging at -5 to +25°C, away from solvent vapours.
- When removing contaminated clothing, care must be taken to ensure that the user is not contaminated with any hazardous materials. If the clothing is soiled, decontamination procedures must be followed before it is removed.
- Handle contaminated clothing with care and dispose of it in accordance with local regulations.
- Expected shelf life is one year from date of manufacture when stored as specified.

## APPLICATION AREAS

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



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# MDR TYPE 5-503/ MDR TYPE 6-504



## PRODUCT DESCRIPTION

MDR TYPE 5-503/ MDR TYPE 6-504 protective coveralls are manufactured to provide maximum comfort, static electricity resistance, anti-penetration, and resistance to various organic solvents, acids, and alkalis. It also provides protection by restraining Microporous (high protective materials, SMMS materials, and special coated lamination materials). It satisfies the Category III PPE requirements. Personal Protective Equipment Regulation **CE** (EU) 2016/425 approval. MDR (EU) regulation 2017/745 compliant.

## 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 for better fit and freedom of movement cuffs, waist and wrists.
- Very few fibres.
- COLOR: BLUE, WHITE
- MATERIAL: SMS+PP+PE
- S,M,L,XL,2XL,3XL,4XL

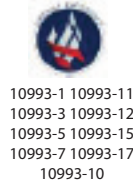


## STORAGE

- Store in its original packaging at -5 to +25°C, away from solvent vapours.
- When removing contaminated clothing, care must be taken to ensure that the user is not contaminated with any hazardous materials. If the clothing is soiled, decontamination procedures must be followed before it is removed.
- Handle contaminated clothing with care and dispose of it in accordance with local regulations.
- Expected shelf life is one year from date of manufacture when stored as specified.

## APPLICATION AREAS

- Pharmaceutical industry, agriculture industry,
- Hospitals, Clinics, Intensive Care Units, Emergency Services, Laboratories,
- Spray painted retouching works, spray paint works,
- Crime scene investigation,
- Veterinary services,
- Sterile environments,
- Painter's overalls,
- Asbestos removal and cleaning,
- Cement production areas,
- Metal grinding and polishing operations,
- Light industrial cleaning and machine maintenance,
- Printing and printing industry,
- For spraying pesticides and working with mild chemicals during pharmaceutical processes and working with toxic powders suitable.



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*Opia*



# MDR TYPE 3-501/ MDR TYPE 4-502



## PRODUCT DESCRIPTION

### MDR TYPE 3-501/TYPE 4-502

It was 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). When properly grounded, these coveralls are intended to be worn over underwear and are designed to protect against flammable electrostatic discharge. Meets Category III PPE standards. Personal Protective Equipment Regulation (EU) CE 2016/425 approval. Complies with the MDR (EU) directive 2017/745.

## TECHNICAL SPECIFICATIONS

- Provides significant protection against dust and light liquid splashes.
- 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.
- Storm flaps that cover the front zipper provide additional protection.
- It is treated as antistatic.
- No latex or silicone is used in the making of this product.
- COLOR: WHITE, YELLOW
- MATERIAL: SMS+PP+PE
- S,M,L,XL,2XL,3XL,4XL



## STORAGE

- Store in its original packaging at -5 to +25°C, away from solvent vapours.
  - When removing contaminated clothing, care must be taken to ensure that the user is not contaminated with any hazardous materials. If the clothing is soiled, decontamination procedures must be followed before it is removed.
  - Handle contaminated clothing with care and dispose of it in accordance with local regulations.
  - Expected shelf life is one year from date of manufacture when stored as specified.
- PROTECTIVE OVERALLS MDR TYPE 3-501/TYPE 4-502 Category Meets III PPE requirements.

## AREAS OF USAGE

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



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# END TYPE 5-603/END TYPE 6-604



## PRODUCT DESCRIPTION

The overalls are designed for comfort while also providing a high level of protection in accordance with PPE Directive Category III, Type 5/6 standards. It is resistant to radioactive particles and biological agents and has been shown to be low lint while reducing static charge build-up, making it suitable for a wide range of applications, including many sterile rooms.

## TECHNICAL SPECIFICATIONS

- Excellent barrier against dry particles and some light liquid chemical splashes (CE Type 5/6),
- Tested biomaterial protection according to EN14126 (Test 5B & 6B),
- Robust, fit, microporous laminated material,
- Easier Two-way zipper with fully sealable storm flap for donning and extra protection,
- Tricot armholes, elasticated waist and ankles for greater comfort and freedom of movement,
- Very low lint,
- Antistatic treatment,
- Sold in a space-saving vacuum pack.
- MATERIAL: SFS+SMS+PP+PE
- S,M,L,XL,2XL,3XL,4XL

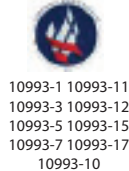


## STORAGE

- Store in its original packaging at -5 to +25°C, away from solvent vapours.
- When removing contaminated clothing, care must be taken to ensure that the user is not contaminated with any hazardous materials. If the clothing is soiled, decontamination procedures must be followed before it is removed.
- Handle contaminated clothing with care and dispose of it in accordance with local regulations.
- Expected shelf life is one year from date of manufacture when stored as specified.

## AREAS OF USAGE

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



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# END TYPE 3-601/ END TYPE 4-602



## PRODUCT DESCRIPTION

### END TYPE 3-601/ END TYPE 4-602

Our END TYPES 3-601 AND 4-602 Protective overalls are functional overalls that provide superior contamination protection while maintaining the worker's comfort. It has an internal seam and low levels of air release, and it allows you to work with high performance throughout use. It provides superior protection against very small particles (up to 1 micron), radioactive particles, and inorganic chemicals. Because it does not contain halogen in its structure, the user can dispose of it quickly and easily. It has a zippered structure that improves the seal. It has elastic feet, waist, and wrists for added mobility.

## TECHNICAL SPECIFICATIONS

- Resistance up to 5 bar pressure,
- 100% impermeable to particles,
- Biological protection - Meets EN 14126 standards in the highest class,
- High resistance to chemicals used during the decontamination process,
- Easy and economical destruction as it does not contain halogen substances,
- Elastic head design and self-adhesive chin-top cover,
- Self-adhesive double-zip-top cover,
- Elastic waist, arms and ankles,
- Seam and top banded,
- Antistatic (inner),
- Strong barrier against highly concentrated inorganic chemicals and biological factors.
- Superior protection against organic chemicals,
- Superior protection against organic chemicals,
- Resistant to liquid splashes up to 5 Bar,
- Elastic structure on arms and ankles.
- COLOR: WHITE ,ORANGE
- S,M,L,XL,2XL,3XL,4XL
- MATERIAL: SFS+SMS+PP+PE

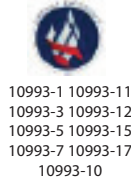


## STORAGE

- Store in its original packaging at -5 to +25°C, away from solvent vapours.
- When removing contaminated clothing, care must be taken to ensure that the user is not contaminated with any hazardous materials. If the clothing is soiled, decontamination procedures must be followed before it is removed.
- Handle contaminated clothing with care and dispose of it in accordance with local regulations.
- Expected shelf life is one year from date of manufacture when stored as specified.

## AREAS OF USAGE

- Medical Sector (Health Sector),
- Pharmaceutical industry,
- Varnishing and protection against paint splashes,
- Glass fiber production and processing,
- Industrial cleaning and maintenance,
- Automotive industry,
- Grinding and polishing,
- Cement production,
- Mining and stone, quarry works
- Demolition and renovation,
- Working with asbestos
- Wood and metal working,
- Construction industry.



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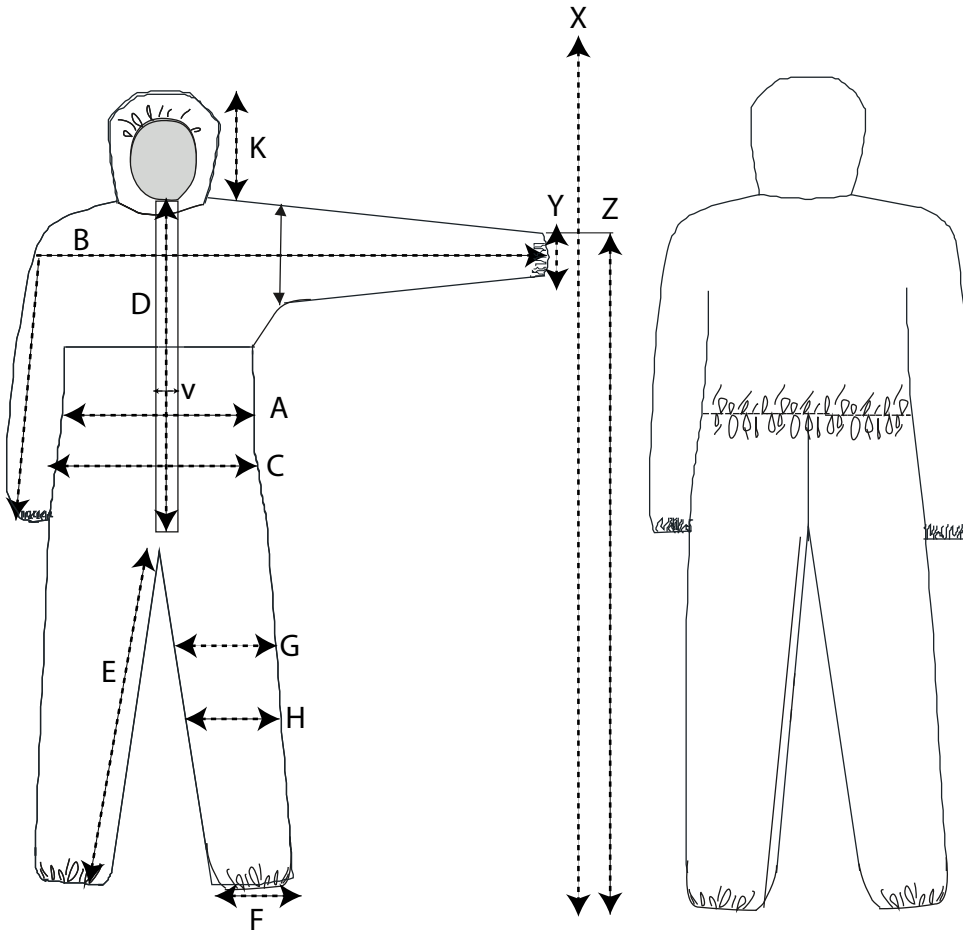
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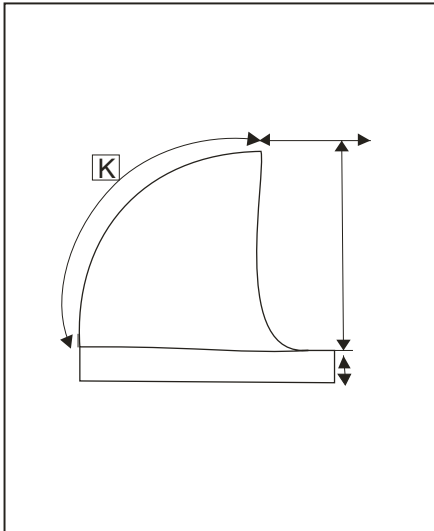




# BODY SIZE CHART



- A-Elastic size from waist
- B-Shoulder to shoulder arm cuff size
- C-Body size from hip
- D-Body length
- E-Inner leg length
- F-Ankle elastic size
- G-Thigh
- H-Knee width measurement
- K-Hood size
- V-Band Width
- Y-Elastic sleeve cuff
- Z-Body size from shoulder
- X-Hooded size



		S	M	L	XL	2XL	3XL	4XL	Tol.
Elastic size from waist	A	58	58	60	64	68	70	72	+/- 2
Shoulder to shoulder arm cuff size	B	174	176	178	180	180	182	184	+/- 2
Body size from hip	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 size	F	25	25	25	26	27	27	27	+/- 1
Thigh	G	33	33	34	35	37	37	38	+/- 1
Knee width measurement	H	27	28	30	30	32	32	33	+/- 1
Hood size	K	35	35	36	36	37	38	38	+/- 1
Band Width	V	5	5	5	5	5	5	5	+/- 0.5
Elastic sleeve cuff	Y	8.5	8.5	9	9	10	10	10	+/- 1
Body size from shoulder	Z	153	158	162	167	170	172	174	+/- 3
Hooded size	X	188	192	198	203	207	210	212	+/- 3



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# CERTIFICATES



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