

**Rizhao Sanqi Medical
& Health Articles Co., Ltd**
NO.137 Rizhao North Road, High-tech
Zone, Rizhao City, Shandong Province, China

TECHNICAL DOCUMENTATION

Coverall with Collar SSPC-C/SSPC/B-C
Hood SSPC-H

MANUFACTURER:

Rizhao Sanqi Medical & Health Articles Co., Ltd
NO.137 Rizhao North Road, High-tech Zone, Rizhao City, Shandong Province, China

MANUFACTURING UNIT:

Rizhao Sanqi Medical & Health Articles Co., Ltd
NO.137 Rizhao North Road, High-tech Zone, Rizhao City, Shandong Province, China

BASIC TYPE DESCRIPTION:

Coverall with Collar,elasticated ankles,waist and wrists with finger loop,flap over the zip ; bound seams; Fabric: 100% polypropylene 60g/m2, white color ;

Hood with elastic on frontal opening; bound seams;
Fabric: 100% polypropylene 60g/m2, white color



VARIATIONS DESCRIPTION:

SSPC-C Coverall with Collar,elasticated ankles,waist and wrists with finger loop,flap over the zip ; bound seams; Fabric: 100% polypropylene 60g/m2, white color

SSPC/B-C As SSPC-C but with plastic snap buttons on sleeves and legs

SSPC-H Hood with elastic on frontal opening; bound seams;
Fabric: 100% polypropylene 60g/m2, white color

Category:

According to Regulation (EU) 2016/425

Category III PPE

STANDARDS:

EN ISO
13688:2013+A1:2021
EN 13034:2005+A1:2009
EN 1149-5:2018
EN ISO 13982-1:2004
+A1:2010

Protective clothing – General requirements
Protective clothing against liquid chemicals Type 6 and TypePB [6]
Protective clothing - electrostatic properties
Protective clothing for use against solid particulates Type 5

RISKS AGAINST WHICH THE PPE IS INTENDED TO PROTECT:

The design of protective clothing shall facilitate its correct positioning on the user, shall ensure that it remains in place for the foreseeable period of use and shall provide users with a level of comfort consistent with the level of protection required. The PPE furthermore, protects against:

EN 13034:2005+A1:2009

- Type 6 is intended to protect from exposure to a light spray, liquid aerosols or low pressure, low volume splashes, against which a complete liquid permeation barrier is not required i.e. when wearers are able to take timely adequate action when their clothing is contaminated. Type 6 protective clothing form the lowest level of chemical protection and are intended to protect from a potential exposure to small quantities of spray or accidental low volume splashes

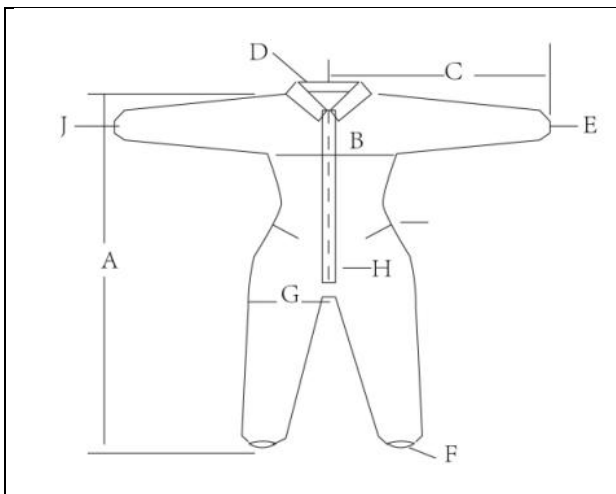
UNI EN 1149-5:2018

- is intended to be used for electrostatic dissipative protective clothing to protect against incendiary discharges.

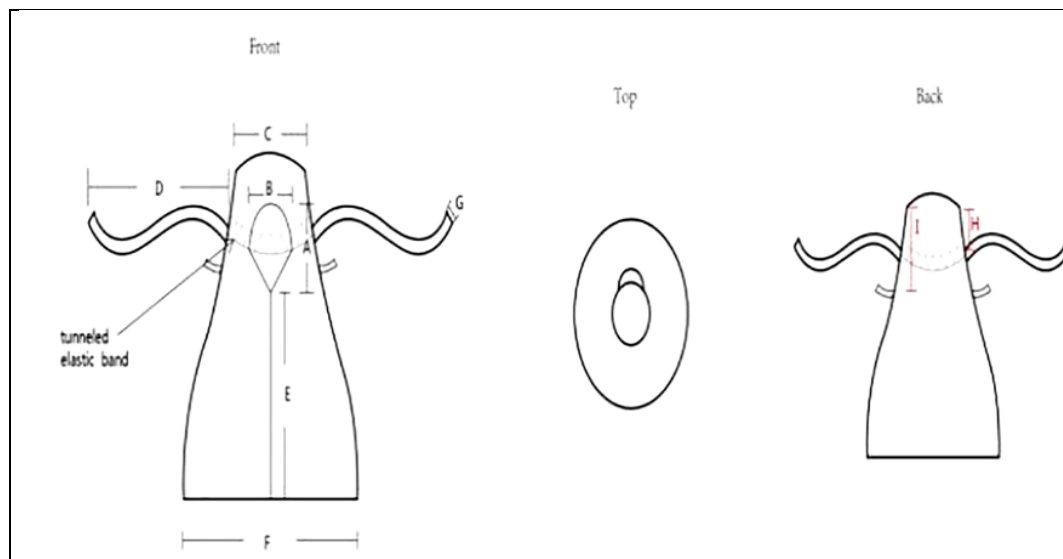
EN ISO 13982-1:2011

- Type 5 is intended to be used for protection to the full body against airborne solid particulates

SIZES dimensions in centimeters
GARMENT:

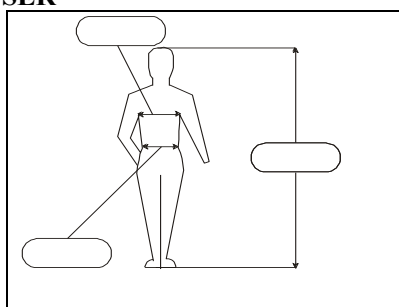


SIZE	A	B	C	D	E	F	G	H	I	J
S	166	57	85	25	8/18	12/24	29	70	35	7
M	169	60	86	25	8/18	12/24	32	70	35	7
L	176	63	90	25	8/18	12/24	35.5	70	40	7
XL	178	66	92	25	9/20	13/26	36.5	75	40	7
XXL	186	74	98	25	9/20	13/26	39	75	45	7
XXXL	192	79	99	25	9/20	13/26	43	75	45	7
XXXXL	198	85	100	25	9/20	13/26	45	80	45	7
Tolerance	±3	±2	±3	±1	±1/ ±2	±1/ ±2	±1	±2	±2	±1



Size	A	B	C	D	E	F	G	I	H
U	16.5	13	18	70	25	66	4	20	10.5
Tolerance	±1	±1	±1	±1	±1	±1	±0.5	±1	±1

SIZE DESIGNATION (EN ISO 13688) dimensions in centimeters
USER



	S	M	L	XL	XXL	XXXL	XXXXL
tall	158-166	166-174	174-182	182-190	190-198	198-206	207-215
chest	86-94	94-102	102-110	110-118	118-129	129-141	142-150
waist	74-82	82-90	90-98	98-106	106-117	117-129	130-138

ALL MATERIALS

Description	Article	Colour	Composition	Weight	Supplier
Fabric	BD-SMS	white	100% polypropylene	60g/m2	Lianyungang Boulder Industrial Co.,Ltd
Elastic:			h 2.5 cm		
Seams:			bound seams		

Certificates and/or Test Reports of materials are enclosed to this documentation:

Report number
19ra18129
24ra15027
25ra07009
25ra07011
25ra07013
25ra07015

All materials are nickel free.

The PPE has been designed and manufactured with materials and components used by our company for a long time for which do not know the harmful effects for health and safety.

The material shall not adversely affect the health or hygiene of the users in according to the Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and subsequent amendments

CONFORMITY

During PPE manufacturing process, conformity is guaranteed by following design specifications and the following procedures:

Controls and test modalities:

Each manufacturing step is controlled:

Samples are taken statistically to verify the product quality. Dimensional checks and product labelling are verified on finished garment.

Quality checks on raw materials:

- On a regular basis, the certificate of conformity is requested to raw materials suppliers

Quality checks during manufacturing process and final quality checks on product:

- Checking the production process, checking the procedures and assembly of all components:
- all parts are correctly assembled.
- positioning of marking and labels
- CE marking is appropriate for the product type and it is positioned in the right place.
- seams strength and visual assessment
- correspondence to the prototype (construction, accessories, seams...)

manufacturing control

Periodically, samples are checked randomly to verify if comply with the approved type and essential health and safety requirements.

DISPOSAL:

If the product has not been contaminated, it should be treated as a generic textile waste.

If contamination occurred, it has to be treated as a special waste and disposed accordingly to national laws.

Performance of whole suit

Test	Requirement		Result /Class/Conformity
Resistance to liquid penetration Spray test type 6 (EN ISO 17491-4 met. A – EN 13034)			pass
Seams: strength (EN ISO 13935-2)	Class 6	> 500 N	Class 4
	Class 5	> 300 N	
	Class 4	> 125 N	
	Class 3	> 75 N	
	Class 2	> 50 N	
	Class 1	> 30 N	

Performance of fabric

Test	Requirement		Result/Class/Conformity	
Resistance to penetration to liquid (EN ISO 6530 – EN 13034)	Class 3: < 1% Class 2: < 5% Class 1: < 10%		H ₂ SO ₄ 30%:	class 3
			NaOH 10%:	class 3
			o-xilene:	class -
			Butan-1-ol:	Class -
Repellency to liquid (EN ISO 6530 – EN 13034)	class 3: > 95% class 2: > 90% class 1: > 80%		H ₂ SO ₄ 30%:	class 3
			NaOH 10%:	class 3
			o-xilene:	class -
			Butan-1-ol:	class -
Abrasion Resistance (EN 530 - method 2)	Class 6	> 2000 cycles	Class 3	
	Class 5	> 1500 cycles		
	Class 4	> 1000 cycles		
	Class 3	> 500 cycles		
	Class 2	> 100 cycles		
	Class 1	> 10 cycles		
Trapezoidal tear resistance (EN ISO 9073-4)	Class 6	> 150 N	Class 2	
	Class 5	> 100 N		
	Class 4	> 60 N		
	Class 3	> 40 N		
	Class 2	> 20 N		
	Class 1	> 10 N		
Tensile strength (EN ISO 13934-1)	Class 6	> 1000 N	Class 2	
	Class 5	> 500 N		
	Class 4	> 250 N		
	Class 3	> 100 N		
	Class 2	> 60 N		
	Class 1	> 30 N		
Puncture resistance (EN 863 - EN 13034)	Class 6	> 250 N	Class 2	
	Class 5	> 150 N		
	Class 4	> 100 N		
	Class 3	> 50 N		
	Class 2	> 10 N		
	Class 1	> 5 N		
Flex cracking resistance (EN 7854)	Class 6	>100.000 c.	Class 6	
	Class 5	>40.000 c.		
	Class 4	>15.000 c.		
	Class 3	>5.000 c.		
	Class 2	>2.500 c.		
	Class 1	>1000 c.		
Electric surface resistance test condition EN 1149-1	≤ 2.5 x 10 ⁹ Ω		Pass	
Charge decay test condition EN 1149-3 meth 2	half time decay t ₅₀ <4 s r		pass	

EN ISO 13688:2022

Test	Requirement	Result /Class/Conformity
pH (EN ISO 13688 – ISO 3071)	3.5<pH<9.5	6.2
Azo dyes (EN ISO 13688)	< 30 mg/kg	Not performed

EXHAUSTIVE LIST OF ESSENTIAL REQUIREMENTS OF HEALTH AND SAFETY

(Annex II of Regulation (UE) 2016/425)

Clauses of Regulation (UE) 2016/425 Annex II		Clause of standard EN ISO 13688
1.2.1	Absence of inherent risks and other nuisance factors	5.3
1.2.1.1	Suitable constituent materials	4.2
1.2.1.2	Satisfactory surface condition of all PPE parts in contact with the user	4.4
1.4	Manufacturer's instructions and information	8
2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	6, 7

Clauses of Regulation (UE) 2016/425 Annex II		Clause of standard EN 13034
1.1.1	Ergonomics	5.2
1.2.1	Absence of inherent risks and other nuisance factors	4.1
1.2.1.1	Suitable constituent materials	4.1
1.2.1.3	Maximum permissible user impediment	5.1, 5.2
1.3.2	Lightness and strength	4.1, 4.2.2
1.3.3	Compatibility of different types of PPE intended for simultaneous use	7
1.4	Manufacturer's instructions and information	7
2.4	PPE subject to ageing	5.1, 7
2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	6, 7
3.10.2	Protection against cutaneous and ocular contact	4.1, 4.2.1, 5.1, 5.2

Clauses of Regulation (UE) 2016/425 Annex II		Clause of standard EN 1149-5
2.6	PPE for use in potentially explosive atmosphere	4.2
2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	5
1.4	Manufacturer's instructions and information	4, 1 6

LABEL (Example):

Marking and manufacturer's information are in the official language of the state of destination
Numbers are not smaller than 2 mm and pictograms are not smaller than 10 mm, they are black on white background.
The various components of CE marking must have the same vertical dimension, which may be not less than 5 mm.
The CE marking must be affixed to each piece of manufactured PPE so as to be visible, legible and indelible throughout the expected life of the PPE

Manufacturer →	 RIZHAO SANQI MEDICAL&HEALTH ARTICLES Co., Ltd. NO.137 Rizhao North Road, High-tech Zone Rizhao City, Shandong Province	
Garment model identification →	SSPC-C	
Category →	PPE category III	
CE marking →		Batch Number
European standards →	EN 13034:2005+A1:2009 TypePB 6 EN ISO 13982-1:2004 + A1:2010 TYPE 5 	
Pictograms →	EN 1149-5:2018 	 ← wearer (EN ISO 13688) EN ISO 13688:2013+A1:2021 - S ← Size <i>Do not re-use</i>
Read the instruction for use →		
Care guideline →	     	

Care guideline

					
Do not wash	Do not dry	Do not bleach	Do not iron	Do not dry clean	Flammable fabric