



RIZHAO SANQI MEDICAL&HEALTH ARTICLES Co., Ltd.
NO.137 Rizhao North Road, High-tech Zone
Rizhao City, Shandong Province
www.sanqicn.com

TECHNICAL DOCUMENTATION

N. 003 rev 01

SCPC

Firm and Unit of manufacture

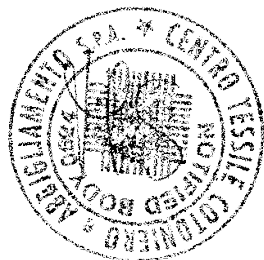
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Rizhao City, Shandong Province - CN

:

Basic type description:

Coverall SCPC

One-piece overall, with elasticated hood, ankles, waist and cuffs, finger loop, zip front opening covered by a flap; product assembled by inside bound seams
Fabric: 100% Polypropylene 60 g/m², white color.



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Variations description:

SCPC/B

As SCPC but with plastic snap buttons on sleeves and legs (to keep the garment in place when folded))

SCPC/SS

As SCPC but assembled by serged seams

SCPC/SSB

As SCPC/SS but with plastic snap buttons on sleeves and legs

III

Category:

PPE EU Regulation 2016/425

Standards:

EN ISO

13688:2013+A1:2021

Protective clothing – General requirements

EN 13034:2005+A1:2009

Protective clothing against liquid chemicals Type 6

EN ISO 13982-1:2004

Protective clothing to use against airborne solid particulates

+A1:2010

Type 5

EN 1149-5:2018

Protective clothing against electrostatic properties

EN 1073-2:2002

Protective clothing against radioactive contamination

RISKS AGAINST THE PPE IT 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 Type 6 is intended to be used for 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

EN ISO 13982-1 Type 5 is intended to be used for risks of exposure to chemical products resistant to the penetration of solid particles dispersed in the air for the entire trunk

EN 1149-5 is intended to be used for electrostatic dissipative protective clothing to protect against incendiary discharges.

UNI EN 1073-2:2003 • is intended to be used for protection against risks of exposure to particulate radioactive contamination



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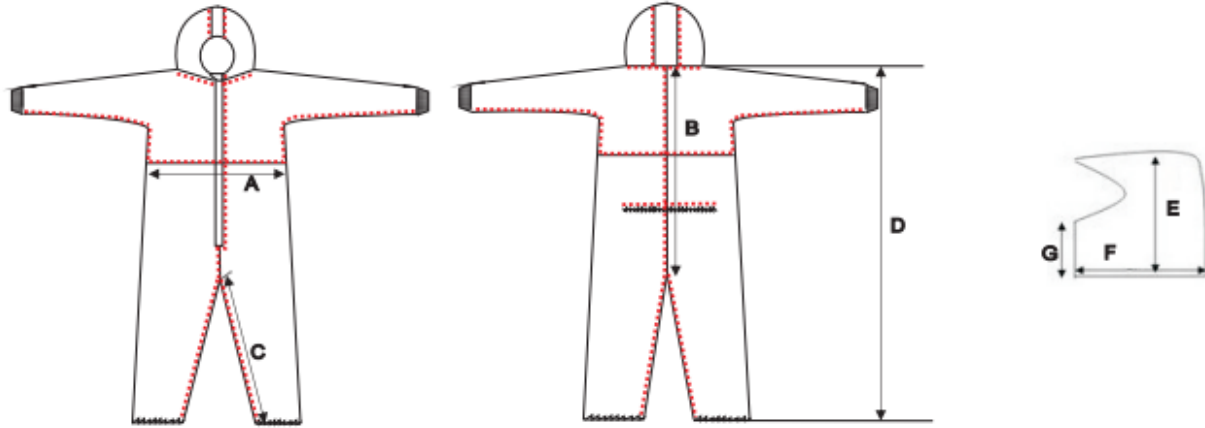
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SIZES

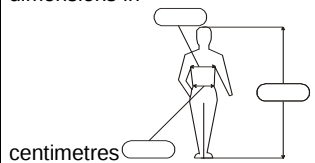
dimensions in centimetres



Size (in CM)	S	M	L	XL	XXL	XXXL	XXXXL	Tolerance +/-CM
(A) Chest ½	58	61	66	71	76	78	80	2.0
(B) Body length	87	90	93	98	102	104	107	2.0
(C) Inseam	72	75	82	84	85	87	88	2.0
(D) Overall length	158	161	171	180	183	187	193	2.0
(E) Hood height	37							2.0
(F) Hood width	35							2.0
(G) Hood Chin height	7							2.0

SIZE DESIGNATION (EN 13688)

dimensions in



centimetres

	S	M	L	XL	XXL	XXXL	XXXXL
height	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

MATERIALS

Fabric:	Material: Polypropylene, 60 g/m ² Supplier: Lianyungang Boulder Industrial Co.,Ltd
Zip :	nylon
Elastic:	h 2.5 cm
Yarn of Seams:	Polyester
Tape of Seams:	Polyester

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Protective clothing shall not adversely affect the health or hygiene of the users. The material shall not, in the foreseeable conditions of normal use, release substances generally known to be toxic, carcinogenic, mutagenic, allergenic, toxic to reproduction or otherwise harmful especially for materials 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)

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.

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CONTROL AND TESTS

A description of the control and test facilities to be used in the manufacturer's plant to check compliance of production PPE with the harmonized standards and to maintain quality level

1. Fabric inspection for the surface and physical analysis according to the ISO 9001 requirements.
2. Dimension and gram weight tolerance: $\pm 2\text{cm}/\pm 2\text{g}/\text{m}^2$
3. Quality control: there many quality control person to check during the sewing for stitch length and missed stitch.
4. Process patrol inspecting: Random inspection on each process, at least inspect 5pcs or more, two times every day, the inspection could be added if special requirements. The inspection which not passed should be recorded and sent to the workers to re-processed.
5. Finished products inspecting: The coveralls will be folded into individual bags, when the workers fold the coveralls, they will recheck the coveralls for missed stitches, uncut thread ends, dimension or specification, dirty mark and impurities or hairs.
6. Random inspection: The finished coveralls will be rechecked by QC for below and recorded on finished products inspection report, such as appearance of the coveralls, packages of the coveralls, also the physical property of the coveralls.
7. The coverall will be tested according to physical property standards in every 6 months, also the appearance should be checked, any changes by naked eyes, such as the color changes or not, the fabric has changes or not, the elastic's elasticity.

DISCARDING:

If not contaminated the product can be treated as a common textile waist. If contaminated it should be treated as harmful garbage and discarded according to country laws



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PERFORMANCE – LEVELS AND CLASSES

Test material	Result	Class
Resistance to penetration		
H ₂ SO ₄ 30%	<1%	3
NaOH 10%	<1%	3
o-xylene	> 10%	NC
Butan 1 ol	> 10%	NC
Repellency to Liquid		
H ₂ SO ₄ 30%	>95%	3
NaOH 10%	>95%	3
o-xylene	<80%	NC
Butan 1 ol	<80%	NC
Abrasion Resistance (EN 530 method 2)	500 cycles	3
Trapezoidal tear resistance (EN ISO 9073-4)	20-40 N	2
Tensile strength (EN ISO 13934-1)	60-100 N	2
Puncture resistance (EN 863)	>10 N	2
Flex cracking resistance (EN ISO 7854 method B)	>2000 cycles	6
Electric surface resistance	$\leq 2.5 \times 10^9 \Omega$	pass
Blocking resistance (EN 25978 - EN 1073-2)		pass
Ignition and flammability (EN 13274-4 - EN 1073-2)		pass

Test coveralls	Result	Class
Spray test (type 6 EN ISO 17491-4 – met. A)		Pass
Aerosol penetration (type 5)	$L_{jmn\ 82/90} \leq 30\%$ $L_{s,8/10} \leq 15\%$	Pass
Nominal protection factor (EN ISO 13982-2 – EN 1073-2)		Class
Practical performance tests (EN 1073-2)	NPF 13 TILe 14 TILa 7	Class 1
Seams tensile strenght (EN ISO 13935-2) -	> 75 N	3

Test reports number:

19RA16579, 19RA16609, 19RA18129, 20RA00012, 24RA15027, 24RA15034, 24RA15045, 24RA15048, 24RA15051, 24RA15052, 25RA00727,

Issue by Centro Tessile Cottoniero e Abbigliamento spa – Piazza S. Anna 2, 21052 Busto Arsizio – VARESE - ITALY

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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 ISO 13982-1
1.1.1	Ergonomics	4.3.2
1.1.2.1	Optimum level of protection	4.3.1, 4.3.2
1.2.1.1	Suitable constituent materials	4.1
1.2.1.2	Satisfactory surface condition of all PPE parts in contact with the user	4.3.1
1.2.1.3	Maximum permissible user impediment	4.3.2
1.3.1	Adaptation of PPE to user morphology	4.3
1.3.2	Lightness and strength	4.1, 4.2
1.3.3	Compatibility of different types of PPE intended for simultaneous use	4.3, 6
1.4	Manufacturer's instructions and information	5, 6
2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	5, 6
3.10.2	Protection against cutaneous and ocular contact	4.2.1, 4.3.2

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	6

Clauses of Regulation (UE) 2016/425 Annex II		Clause of standard EN 1073-2
1.1.1	Ergonomics	4
1.1.2.1	Optimum level of protection	4
1.1.2.2	Classes of protection appropriate to different levels of risk	4.2, 4.3, 4.4
1.2.1	Absence of inherent risks and other nuisance factors	4
1.3.1	Adaptation of PPE to user morphology	4.1.1, 4.1.2
1.3.2	Lightness and strength	4.1.2, 4.4
1.3.3	Compatibility of different types of PPE intended for simultaneous use	4.1.4, 4.1.2
1.4	Manufacturer's instructions and information	7
2.2	PPE enclosing the parts of the body to be protected	4.1.2
2.4	PPE subject to ageing	6.7
3.9.2.1	Protection against external radioactive contamination	4, 6, 7

LABEL

Example

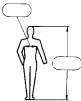
Marking and manufacturer's information are in the official language of the state of destination

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.

Marking must be durable to the appropriate number of clearing processes

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

	 RIZHAO SANQI MEDICAL&HEALTH ARTICLES Co., Ltd. NO.137 Rizhao North Road, High-tech Zone Rizhao City, Shandong Province www.sanqicn.com Coverall SCPC Year 2025 Batch Number	manufacturer
Year of production		
CE marking	 0624 PPE III Category	Garment model identification
European standard	 EN 13034:2005 + A1:2009 TYPE 6 EN ISO 13982-1:2004 + A1:2010 TYPE 5  EN 1149-5:2018 EN 1073-2/02  Class x	European standards
instruction for use should be referred to	 EN ISO 13688:2013+A1:2021 – S 	wearer (EN ISO 13688) size
	Do not re-use - Keep away from fire 	Care guideline