



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

## TECHNICAL DOCUMENTATION

**Boot Cover**  
**SSPC/SS-B**

### 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:

SSPC/SS-B

Boot cover with elastic at the upper part and stripes and sole made of anti-skid laminated fabric; serged seams  
Fabric: 100% polypropylene 60g/m2, white color



### VARIATIONS DESCRIPTION:

#### 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

Protective clothing – General requirements

Protective clothing against liquid chemicals Type 6 and TypePB [6]

Protective clothing - electrostatic properties

# 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:

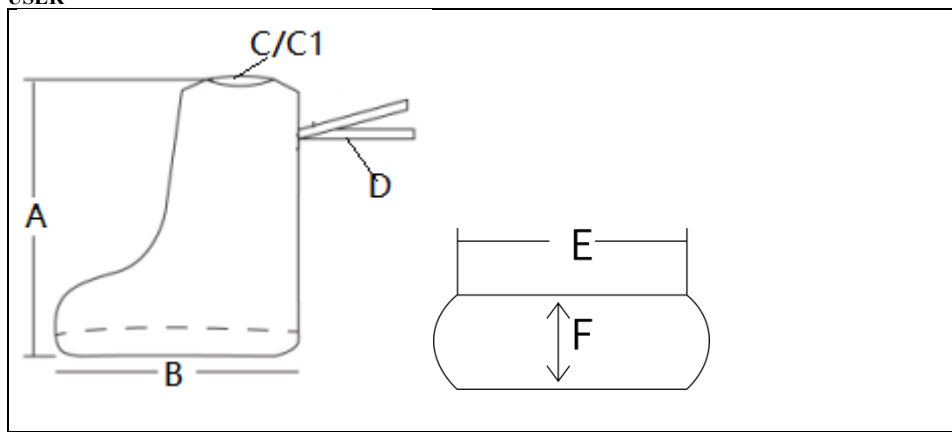
EN 13034:2005+A1:2009

UNI EN 1149-5:2018

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

## SIZE DESIGNATION (EN ISO 13688) dimensions in centimeters

USER



|           | Size | A  | B  | C/C1 | D  | E    | F  |
|-----------|------|----|----|------|----|------|----|
| SSPC/SS-B | U    | 45 | 42 | 14   | 45 | 34.5 | 15 |
| SSPC/SS-B | XL   | 50 | 42 | 14   | 45 | 34.5 | 15 |
| Tolerance |      | ±2 | ±2 | ±1   | ±2 | ±2   | ±1 |

## ALL MATERIALS

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

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

| Report number | Tests performed                | Laboratory/Notified Body |
|---------------|--------------------------------|--------------------------|
| 24RA15027     | Fabric                         |                          |
| 25RA06949     | Overboot SSPC- B               |                          |
| 25RA07013     | Tear resistance , serged seams |                          |
|               |                                |                          |
|               |                                |                          |
|               |                                |                          |
|               |                                |                          |

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:

|                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Controls and test modalities:</b>                                                    | <p>Each manufacturing step is controlled:<br/>         Samples are taken statistically to verify the product quality.<br/>         Dimensional checks and product labelling are verified on finished garment.</p>                                                                                                                                                                                                                                               |
| <b>Quality checks on raw materials:</b>                                                 | <ul style="list-style-type: none"> <li>On a regular basis, the certificate of conformity is requested to raw materials suppliers</li> </ul>                                                                                                                                                                                                                                                                                                                     |
| <b>Quality checks during manufacturing process and final quality checks on product:</b> | <ul style="list-style-type: none"> <li>Checking the production process, checking the procedures and assembly of all components:</li> <li>all parts are correctly assembled.</li> <li>positioning of marking and labels</li> <li>CE marking is appropriate for the product type and it is positioned in the right place.</li> <li>seams strength and visual assessment</li> <li>correspondence to the prototype (construction, accessories, seams...)</li> </ul> |
| <b>manufacturing control</b>                                                            | <p>Periodically, samples are checked randomly to verify if comply with the approved type and essential health and safety requirements.</p>                                                                                                                                                                                                                                                                                                                      |

**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<br>Spray test type 6<br>(EN ISO 17491-4 met. A – EN 13034) |             |         | Partial body is not applicable |
| Seams: strength (EN ISO 13935-2)                                                            | Class 6     | > 500 N | Class<br>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<br>(EN ISO 6530 – EN 13034) |                                                               | Class 3: < 1%<br>Class 2: < 5%<br>Class 1: < 10%   | H <sub>2</sub> SO <sub>4</sub> 30%: | class 3 |
|                                                                 |                                                               |                                                    | NaOH 10%:                           | class 3 |
|                                                                 |                                                               |                                                    | o-xilene:                           | class - |
|                                                                 |                                                               |                                                    | Butan-1-ol:                         | Class - |
| Repellency to liquid<br>(EN ISO 6530 – EN 13034)                |                                                               | class 3: > 95%<br>class 2: > 90%<br>class 1: > 80% | H <sub>2</sub> SO <sub>4</sub> 30%: | class 3 |
|                                                                 |                                                               |                                                    | NaOH 10%:                           | class 3 |
|                                                                 |                                                               |                                                    | o-xilene:                           | class - |
|                                                                 |                                                               |                                                    | Butan-1-ol:                         | class - |
| Abrasion Resistance (EN 530 - method 2)                         | Class 6                                                       | > 2000 cycles                                      | 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                                            | 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                                           | 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                                            | 2                                   |         |
|                                                                 | Class 5                                                       | > 150 N                                            |                                     |         |
|                                                                 | Class 4                                                       | > 100 N                                            |                                     |         |
|                                                                 | Class 3                                                       | > 50 N                                             |                                     |         |
|                                                                 | Class 2                                                       | > 10 N                                             |                                     |         |
|                                                                 | Class 1                                                       | > 5 N                                              |                                     |         |
| Charge decay<br>test condition EN 1149-3 meth 2                 | half time ddecay $t_{50}$ < 4 s or<br>shield factor $S > 0.2$ |                                                    | 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 (not dyed) |

## 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<br><b>EN ISO 13688</b> |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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<br><b>EN 13034</b> |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 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<br><b>EN 1149-5</b> |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 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 →                 | <br><b>RIZHAO SANQI MEDICAL&amp;HEALTH ARTICLES Co., Ltd.</b><br>NO.137 Rizhao North Road, High-tech Zone<br>Rizhao City, Shandong Province                                                                                                                                                                                                                                                                                            |              |
| Garment model identification → | <b>SSPC/SS-B</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |
| Category →                     | <b>PPE category III</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |
| CE marking →                   |                                                                                                                                                                                                                                                                                                                                                                                                                                        | Batch Number |
| European standards →           | EN 13034:2005+A1:2009<br>TypePB [6]<br>                                                                                                                                                                                                                                                                                                                                                                                               |              |
| Pictograms →                   | EN 1149-5/18<br> <i>Do not re-use</i>                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Read the instruction for use → |                                                                                                                                                                                                                                                                                                                                                 |              |
| Care guideline →               |       |              |

(EN ISO 13688)

← Size

## Care guideline

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