

# Disposable Antistatic Coverall



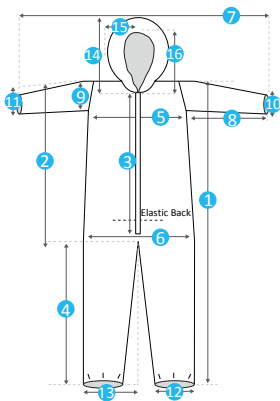
## Features

- Manufactured from a lightweight, low linting material
- Excellent comfort, breathability and water vapour transmission rates
- Designed and manufactured to meet the stringent demands of the cleanroom industry

| Product code  | Size | Antistatic |
|---------------|------|------------|
| RND 600-00134 | M    | Yes        |
| RND 600-00135 | L    | Yes        |
| RND 600-00136 | XL   | Yes        |
| RND 600-00137 | XXL  | Yes        |



Image shown for illustration purposes only.



| Description                         | Code | Medium (CM) | Large (CM) | X Large (CM) | XX Large (CM) | Tolerance +/- (CM) |
|-------------------------------------|------|-------------|------------|--------------|---------------|--------------------|
| Overall Length                      | 1    | 155         | 170        | 183          | 185           | 2.54               |
| Torso Length                        | 2    | 88          | 92         | 103          | 105           | 2.54               |
| Zipper Length                       | 3    | 65          | 65         | 76           | 78            | 2.54               |
| Inseam                              | 4    | 71          | 78         | 82           | 84            | 2.54               |
| Chest Width                         | 5    | 66          | 68         | 75           | 75            | 2.54               |
| Waist Size (before elastic sewn in) | 6    | 66          | 68         | 75           | 75            | 2.54               |
| Overall Arm Length                  | 7    | 167         | 175        | 187          | 188           | 2.54               |
| Sleeve Length (from underarm seam)  | 8    | 50          | 54         | 56           | 56.5          | 2.54               |
| Sleeve Width                        | 9    | 25.5        | 26         | 26.5         | 27            | 2.54               |
| Relaxed Wrist Opening               | 10   | 7           | 8          | 8            | 8.5           | 2.54               |
| Stretched Wrist Opening             | 11   | 16          | 16.5       | 16.5         | 17            | 2.54               |
| Relaxed Ankle Opening               | 12   | 12          | 15         | 15           | 16            | 2.54               |
| Stretched Ankle Opening             | 13   | 19          | 21         | 21           | 22.5          | 2.54               |
| Hood Height/Stretched Hood Opening  | 14   | 30.5        | 31         | 31           | 32            | 2.54               |
| Hood Width                          | 15   | 12          | 13         | 13           | 14            | 2.54               |
| Relaxed Hood Opening                | 16   | 16.00       | 17.00      | 17.00        | 18.00         | 2.54               |

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## Technical Specifications

| Description                        | Integrity Result | Test Procedure PGI Standard | REF Test Procedure ASTM Standard |
|------------------------------------|------------------|-----------------------------|----------------------------------|
| Basis Weight oz/yd                 | 1.5              | D3776                       | D3776                            |
| Thickness Mils                     | 6.77             | D1777                       | D1777                            |
| Strip Tensile (MD/CD) lbs/in       | 8.73/6.22        | D1682                       | D1682                            |
| Strip Elongation (MD/CD) %         | 112/107          | D1682                       | D5034                            |
| Work to Break in - lbs             | 20.38/12.13      | D1682                       | D1682                            |
| Work up to Fmax. (MD/CD) in - lbs  | 18.55/10.83      | D1682                       |                                  |
| Tongue Tear (MD/CD) lbs            | 15.25/9.62       |                             | DASTM D2261                      |
| Flammability                       | Class 1          |                             | CS-191-53, Sec. 1610             |
| Mullen Burst lbs/sq in             | 83               |                             |                                  |
| Particulate Burden                 | none             |                             |                                  |
| Shrink Temp F°/C°                  | 270/135          |                             |                                  |
| Melt Temp F°/C°                    | 275/135          |                             |                                  |
| Water Vapour Transmission gm/24hrs | 840              |                             | ASTM E96                         |

## Test Results

| ITEM   |                                 | TEST PROCEDURE PGI STANDARD | REF TEST PROCEDURE ASTM STANDARD                             |
|--|---------------------------------|-----------------------------|--|
| Fabric Weight g/m <sup>2</sup>                   |                                 | GB/T 4669-1995              | 55   |
| Water Vapour Transmission g/m <sup>2</sup> 24hrs |                                 | GB/T 12074-1991             | 1500   |
| Water Resistance Kpa                             |                                 | FZ/T 01004-1991             | 18.8   |
| Flat Abrasion                                    |                                 | FZ/T 01001-1991             | 198  |
| Breaking Strength N/5cm                          |                                 | GB/T 3923.1-1997            | Radial: 70<br>Woof: 50                                       |
| Elongation at Break %                            |                                 | GB/T 3923.1-1997            | Radial: 60<br>Woof: 50                                       |
| Tear Strength N/5cm                              |                                 | ASTM D2261-1996             | Sample cut by horizontal side, normal testing cannot be done |
|  |                                 |                             | Woof: 8.6  |
| Electric Charge Density uC/m <sup>2</sup>        |                                 | GB/T 5455-1997              | 6.5  |
| Flammability                                     |                                 | GB/T 4744-1997              | Melt-down  |
| Chemical Resistance                              | Bleach 5%                       | ASTM T903                   | Pass   |
|  | Hydraulic Jack Oil              | ASTM T903                   | Pass   |
|  | Isocyanate Based Paint Hardener | ASTM T903                   | Pass   |
|  | Motor Oil                       | ASTM T903                   | Pass   |
|  | Sodium Hydroxide                | ASTM T903                   | Pass   |
|  | Mineral Oil                     | ASTM T903                   | Pass   |
| Dry Particle Filtration Efficiency               |                                 |                             | No Particle Penetration                                      |
| Wet Particle Filtration Efficiency               |                                 |                             | No Particle Penetration                                      |