

**PRODUCT**

# Sterile Microporous Coverall

**TECHNICAL DATASHEET**

**DESCRIPTION**

Microporous Coveralls are produced from breathable microporous fabric which provides good fluid and barrier protection. Moreover, water vapour transmission is optimised for these garments for better user comfort. Manufactured and packaged in an ISO certified cleanroom, these garments are individually packed in sealed polyethylene bags.

**TECHNICAL DATA**

|   |                                    |             |
|---|------------------------------------|-------------|
| <b>Basis Weight</b>                               |                                    | 60 gsm      |
| <b>Tensile Strength/<br/>Elongation</b>           | (EN 14325:2005))                   |             |
|   | MD Tensile Strength                | 56 N        |
|   | CD Tensile Strength                | 110 N       |
|   | MD Elongation                      | 101.00%     |
|   | CD Elongation                      | 91.00%      |
| <b>Puncture Resistance</b>                        | (EN 1073-2:2003)                   | 11.8 N      |
| <b>Synthetic Blood<br/>Penetration Resistance</b> | (EN 14126:2004)                    | Pass        |
| <b>Penetration by Spray</b>                       | (EN 13034:2009)                    | Pass        |
| <b>Electric Surface<br/>Resistance</b>            | (EN 1149-5:2008)                   | <109 ohms   |
| <b>Air Particle Count @≥<br/>0.5um</b>            | (IEST-RP-CC003.4;<br>Helmke Drum)  | 8 counts/pc |
| <b>Chemical Resistance</b>                        | (EN368)                            |             |
|   | 30% H <sub>2</sub> SO <sub>4</sub> |             |
|   | 10% NaOH                           |             |
|   | o-Xylene                           |             |
|   | Butan-1-ol                         |             |

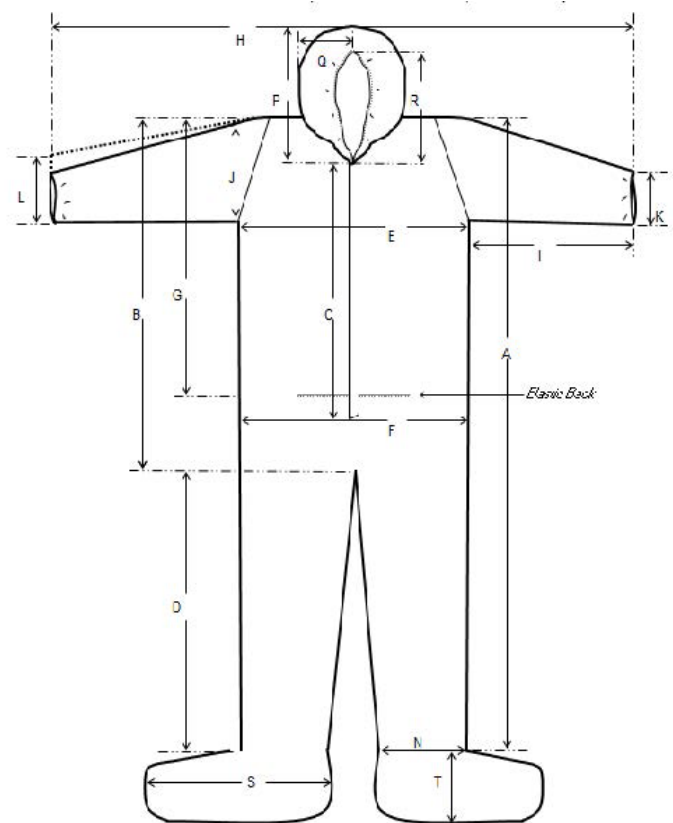
**FEATURES**

- Gamma irradiated sterile
- Meets Level I Helmke Drum Cleanliness Classification
- Type 5/6 Coverall
- Durable fabric with excellent breathability and water vapor transmissions
- Significant fluid and particulate barrier
- Soft, cloth-like fabric
- Elastic cuffs & hood, front zipper, and boot cover
- Coverall can be ordered with separate Hoods and Boots or Coverall with integrated Hoods and Boots
- Manufactured and packed in an EN ISO 13485:2016 certified facility
- CE Certified as Category III PPE

| REPELLENCY TO LIQUIDS |         | RESISTANCE TO PENETRATION |         |
|-----------------------|---------|---------------------------|---------|
| 96.90%                | Class 3 | 0.00%                     | Class 3 |
| 96.40%                | Class 3 | 0.00%                     | Class 3 |
| 91.50%                | Class 2 | 0.10%                     | Class 3 |
| 96.60%                | Class 3 | 0.00%                     | Class 3 |

To request a quotation or for more information, please call **+44 (0)1473 836205**  
 email [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) or visit [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2023 Integrity Cleanroom.



| DESCRIPTION                        | CODE | XS   | S    | M     | L    | XL   | 2XL  | 3XL   | 4XL   | 5XL   | TOLERANCE |
|------------------------------------|------|------|------|-------|------|------|------|-------|-------|-------|-----------|
| Overall Length                     | A    | 145  | 152  | 160   | 168  | 173  | 178  | 188   | 198   | 208   | +/-4.00   |
| Torso Length                       | B    | 87   | 89   | 91    | 94   | 97   | 99   | 107   | 117   | 125   | +/-4.00   |
| Zipper Length                      | C    | 63   | 66   | 71    | 78   | 81   | 84   | 89    | 94    | 99    | +/-2.50   |
| Inseam                             | D    | 62   | 64   | 69    | 74   | 76   | 79   | 81    | 84    | 86    | +/-2.50   |
| Chest Width                        | E    | 55   | 57   | 61    | 65   | 67   | 70   | 75    | 80    | 85    | +/-2.50   |
| Waist Size                         | F    | 55   | 57   | 61    | 65   | 67   | 70   | 75    | 80    | 85    | +/-2.50   |
| Collar Seam to Waist Elastic       | G    | 46   | 47   | 48    | 49.5 | 52   | 54.5 | 57    | 59.5  | 62    | +/-1.00   |
| Overall Arm Length                 | H    | 167  | 174  | 181.5 | 187  | 188  | 193  | 203.5 | 213.5 | 223.5 | +/-5.00   |
| Sleeve Length (from underarm seam) | I    | 56   | 58.5 | 61    | 61   | 63.5 | 63.5 | 66    | 98.5  | 71    | +/-1.00   |
| Sleeve Width                       | J    | 23   | 24   | 24    | 25.5 | 26.5 | 26.5 | 28    | 29    | 30.5  | +/-1.00   |
| Relaxed Wrist Opening              | K    | 7.6  | 7.6  | 7.6   | 7.6  | 7.6  | 7.6  | 7.6   | 7.6   | 7.6   | +/-0.50   |
| Stretched Wrist Opening            | L    | 15.2 | 15.2 | 15.2  | 15.2 | 15.2 | 15.2 | 15.2  | 15.2  | 15.2  | +/-0.50   |
| Ankle Opening                      | N    | 25   | 25   | 25    | 26.5 | 26.5 | 27   | 28    | 28    | 28.5  | +/-0.50   |
| Hood Height/Stretched Hood Opening | P    | 34   | 34   | 34    | 35.5 | 35.5 | 35.5 | 35.5  | 35.5  | 36.5  | +/-0.50   |
| Hood Width                         | Q    | 24   | 24   | 24    | 26.5 | 26.5 | 27.5 | 27.5  | 27.5  | 29    | +/-0.50   |
| Relaxed Hood Opening               | R    | 19   | 19   | 19    | 20.5 | 20.5 | 20.5 | 20.5  | 21    | 21    | +/-0.50   |
| Boot Length                        | S    | 40.5 | 40.5 | 40.5  | 42   | 42   | 43   | 43    | 44    | 44    | +/-0.50   |
| Boot Height                        | T    | 13.5 | 13.5 | 13.5  | 14.5 | 14.5 | 15.5 | 15.5  | 15.5  | 16    | +/-0.50   |

To request a quotation or for more information, please call **+44 (0)1473 836205**  
 email [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) or visit [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2023 Integrity Cleanroom.

**PRODUCT CODES**

| CODE     | DESCRIPTION      | SIZE     | QUANTITY |
|----------|------------------|----------|----------|
| 600-5011 | Sterile Coverall | Small    | Each     |
| 600-5012 | Sterile Coverall | Medium   | Each     |
| 600-5013 | Sterile Coverall | Large    | Each     |
| 600-5014 | Sterile Coverall | X Large  | Each     |
| 600-5015 | Sterile Coverall | 2X Large | Each     |

To request a quotation or for more information, please call **+44 (0)1473 836205**  
email [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) or visit [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2023 Integrity Cleanroom.