

PRODUCT

Sterile Microporous Coverall

TECHNICAL DATASHEET

DESCRIPTION

Microporous Coveralls are produced from breathable microporous fabric which provides good fluid and barrier protection. It is a durable fabric with excellent breathability and water vapour transmissions. Manufactured and packaged in an ISO certified cleanroom, these garments are individually packed in sealed polyethylene bags.

FEATURES

- Gamma irradiated sterile
- Meets Level I Helmke Drum Cleanliness Classification
- CE Certified as Category III PPE, Type 5/6 Coverall
- Soft, cloth-like fabric
- Elastic cuffs & hood, front zipper, and boot cover
- Manufactured and packed in an EN ISO 13485:2016 certified facility
- ISO 4, EU GMP Grade A compatible



1 Thumb Loops



2 Integrated Feet



3 Integrated Hood

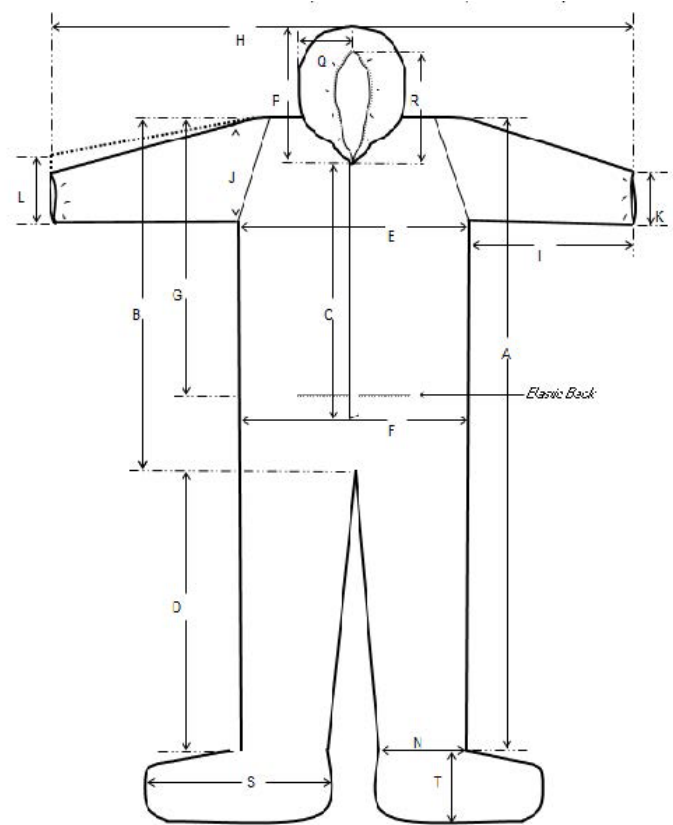


PRODUCT CODES

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

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

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| 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 | 9 | 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 | 76 | 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 |

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TECHNICAL DATA

| SPECIFICATION | TEST METHOD | RESULT | | | |
|--|------------------------------------|-----------------------|---------|---------------------------|---------|
| Basis Weight | - | 60 gsm | | | |
| Tensile Strength/Elongation | (EN 14325:2005) | | | | |
| | MD Tensile Strength | 56 N | | | |
| | CD Tensile Strength | 110 N | | | |
| | MD Elongation | 101.00% | | | |
| | CD Elongation | 91.00% | | | |
| Puncture Resistance | (EN 1073-2:2003) | 11.8 N | | | |
| Synthetic Blood Penetration Resistance | (EN 14126:2004) | Pass | | | |
| Penetration by Spray | (EN 13034:2009) | Pass | | | |
| Electric Surface Resistance | (EN 1149-5:2008) | <10 ⁹ ohms | | | |
| Air Particle Count @≥ 0.5um | (IEST-RP-CC003.4; Helmke Drum) | 8 counts/pc | | | |
| Chemical Resistance | (EN368) | REPELLENCY TO LIQUIDS | | RESISTANCE TO PENETRATION | |
| | 30% H ₂ SO ₄ | 96.90% | Class 3 | 0.00% | Class 3 |
| | 10% NaOH | 96.40% | Class 3 | 0.00% | Class 3 |
| | o-Xylene | 91.50% | Class 2 | 0.10% | Class 3 |
| | Butan-1-ol | 96.60% | Class 3 | 0.00% | Class 3 |

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