















## Superior Liquid & Particle Protection

**MicroGuard MP® incorporates our state-of-the-art lamination technology, creating a microporous garment with a superior particle and liquid splash barrier.**

This newest line of quality garments delivers protection and comfort through a strong and durable fabric in a suit designed for worker comfort. The seamless shoulder area provides significantly more room allowing workers to freely move their arms and shoulders without ripping or tearing. The elastic back stretches for more comfort and tear-resistance – no need to purchase a larger size just to have more fabric in the back. A gusseted, reinforced crotch provides more room to move in all directions without ripping or tearing.

### Available Garments

- |   |  |  |  |
|---|--|--|--|
|  <p><b>Coverall with Elastic Wrists &amp; Open Ankles</b><br/>#8012<br/>Size: Medium - 4XL<br/>25 per case</p>  |  <p><b>Coverall with Elastic Wrists &amp; Ankles</b><br/>#8013<br/>Size: Medium - 4XL<br/>25 per case</p> |  <p><b>Coverall with Attached Hood, Elastic Wrists &amp; Ankles</b><br/>#8015<br/>Size: Small- 5XL<br/>25 per case</p>                  |  <p><b>Coverall with Attached Hood &amp; Boots, Elastic Wrists</b><br/>#8019<br/>Size: Medium - 4XL<br/>25 per case</p> |
|  <p><b>Lab Coat With &amp; Without Pockets</b><br/>#8024 Open Wrists, No Pockets<br/>#8025 Open Wrists, 2 Pockets<br/>#8026 Elastic Wrists, No Pockets<br/>Size: Medium - 4XL<br/>50 per case</p> |  <p><b>Aprons 28" x 48"</b><br/># 802448<br/>100 per case</p>   |  <p><b>Pants with Elastic Waist, No Pockets</b><br/>#8200<br/>Size: Medium - 4XL<br/>50 per case</p>                                    |  <p><b>Shirts with Five Snaps, No Pockets, Long Sleeves</b><br/>#8201<br/>Size: Medium - 4XL<br/>50 per case</p>        |
|  <p><b>Hood With Elastic Face, Shoulder Length</b><br/>#8002<br/>100 per case</p>   |  <p><b>Sleeves, 18" Length. Elastic On Both Ends</b><br/>#8065<br/>200 per case</p>                       |  <p><b>Shoe Covers</b><br/>#8101 : Standard<br/>400 per case<br/><br/>#8103 : Vinyl Sole<br/>#8105 : XL Vinyl Sole<br/>200 per case</p> |  <p><b>Boot Covers</b><br/>#8102 Standard<br/>#8104 Vinyl Sole<br/>#8106 XL Vinyl Sole<br/>200 per case</p>             |



## Physical Properties

| TEST  | METHOD           | RESULT                  |
|---|------------------|-------------------------|
| Water Vapor Transmission (g/m <sup>2</sup> 24h) | GB/T 12074-1991  | 3200                    |
| 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 / Woof: 50   |
| Elongation at Break (%)                         | GB/T 3923.1-1997 | Radial: 60 / Woof: 50   |
| Tear Strength (N/5cm)                           | ASTM D2261-1996  | Woof: 8.6               |
| Electric Charge Density (uC/m <sup>2</sup> )    | GB/T 5455-1997   | 6.5                     |
| Flammability                                    | GB/T 4744-1997   | Melt-down               |
| Dry Particle Filtration Efficiency              |                  | No Particle Penetration |
| Wet Particle Filtration Efficiency              |                  | No Particle Penetration |

## Liquid & Chemical Testing

| TEST                            | METHOD     | RESULT |
|---------------------------------|------------|--------|
| Bleach 5%                       | ASTM F903  | Pass   |
| Hydraulic Jack Oil              | ASTM F903  | Pass   |
| Isocyanate Based Paint Hardener | ASTM F903  | Pass   |
| Motor Oil                       | ASTM F903  | Pass   |
| Sodium Hydroxide                | ASTM F903  | Pass   |
| Mineral Oil                     | ASTM F903  | Pass   |
| Blood                           | ASTM F1670 | Pass   |

- High Moisture Vapor Transmission rate keeps your people cool and comfortable
- Well-designed garment provides worker comfort and a lower cost-in-use due to fewer rip-outs
- Tested for several industrial chemicals
- Fabric passes ASTM F1670 testing for blood penetration