

# EcoSuit™ Protection Coverall

**P/N: 12893-007**

Protection Coveralls are manufactured from a specially formulated breathable microporous fabric that offers maximum comfort and barrier protection.

Country of Origin: China



## Technical Data Sheet

### General Information

| Parameters | Specifications  |
|------------|---|
| Features   | <ul style="list-style-type: none"> <li>Superior fluid and particulate barrier</li> <li>Lowest level of particulate shedding</li> <li>Light chemical splash resistance</li> <li>Breathable to ensure user comfort</li> <li>Soft, cloth-like fabric with maximum tear strength</li> <li>Bonded seam option available</li> </ul> |
| Material   | Breathable Microporous fabric   |
| Sizes      | M, L, XL, 2XL, 3XL, 4XL, 5XL  |

### Properties

| Characteristics                        | Results   |
|--|---|
| Color                                  | White   |
| Weight                                 | 63g/m <sup>2</sup> ; ASTM D3776                         |
| Thickness                              | 0.22mm; ASTM D1777                                      |
| Tensile Strength (Avg. lbs./in.)       | Warp-25.2, Filling-29.4; ASTM D5034                     |
| Tearing Strength (Avg. lbs./in.)       | Lengthwise Yarns-4.6, Widthwise Yarns-5.7; ASTM D2261   |
| Bacteria Filtration Efficiency         | >99%; ASTM F2101  |
| Water resistance                       | Resistant; AATCC Method 42                              |
| Synthetic Blood Penetration Resistance | Resistant; ASTM F1670-08                                |
| Air Permeability                       | 0.06(Cu.ft/min./sq. ft.); ASTM D737                     |
| Water Vapor Transmission Rate          | 733(Avg. g/m <sup>2</sup> /24 hrs.); ASTM E96 M         |
| Delta-P Breathability                  | >102(mmH <sub>2</sub> O/cm <sup>2</sup> ); MIL-M-36954C |

### Packaging Details

| Part #     | Size | Body<br>"                      | Chest<br>"                     | Sleeve<br>"                    | Leg<br>"                       | Description                        | Packaging  | NW/ GW            | Dimension<br>(cm) |
|------------|------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------------|--|-------------------|-------------------|
| 12893-007A | M    | 37 <sup>1</sup> / <sub>2</sub> | 24 <sup>1</sup> / <sub>4</sub> | 34                             | 28 <sup>1</sup> / <sub>2</sub> | EcoSuit™<br>Protection<br>Coverall | 1 pc/poly bag,<br>25bags/<br>case;<br>25pcs/<br>case | 5.5/<br>6.0<br>kg | 32x28x50          |
| 12893-007B | L    | 38 <sup>3</sup> / <sub>4</sub> | 25                             | 34                             | 29 <sup>1</sup> / <sub>2</sub> |                                    |  |                   |                   |
| 12893-007C | XL   | 40                             | 27                             | 36 <sup>1</sup> / <sub>2</sub> | 30                             |                                    |  |                   |                   |
| 12893-007D | 2XL  | 40 <sup>1</sup> / <sub>2</sub> | 29 <sup>3</sup> / <sub>4</sub> | 37                             | 31                             |                                    |  |                   |                   |
| 12893-007E | 3XL  | 43                             | 32                             | 38                             | 32                             |                                    |  |                   |                   |
| 12893-007F | 4XL  | 43                             | 32 <sup>1</sup> / <sub>2</sub> | 41                             | 32 <sup>1</sup> / <sub>2</sub> |                                    |  |                   |                   |
| 12893-007G | 5XL  | 43 <sup>1</sup> / <sub>2</sub> | 32 <sup>1</sup> / <sub>2</sub> | 42                             | 33                             |                                    |  |                   |                   |

#### Disclaimer:

This document and the information contained herein is the property of EcoPark (S) PTE. LTD. (Ecopark) and may not be used or reproduced without permission. Product users should conduct all appropriate testing or other evaluations to determine the suitability of Ecopark products for a particular purpose or use within a particular environment. ECOPARK DISCLAIMS ALL WARRANTIES OTHER THAN WHAT HAS BEEN EXPRESSLY PROVIDED.

