

Excellent barrier for saturated liquid and oil. It offers good protection and high breathability with Type 4 certification.

|           |                                                                                                                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Style No. | DD310T                                                                                                                                                                            |
| Fabric    | Microporous Film Laminated PPSP                                                                                                                                                   |
| Seam Type | 4-thread Overlocked Seam with Liquid-proof Tape <ul style="list-style-type: none"> <li>7-9 stitches per inch</li> <li>Thread fiber is 150D</li> <li>Bite depth at 4 mm</li> </ul> |
| Color     | White                                                                                                                                                                             |
| Packing   | 50 pcs/carton                                                                                                                                                                     |
| Approvals | CE Regulation (EU) 2016/425<br>UKCA Regulation 2016/425<br>Module B Certification<br>Module D Certification                                                                       |

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| Certifications |  TYPE 4-B  TYPE 5-B  TYPE 6-B  EN 1073-2  EN 1149-5  EN 14126 |
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| Applications |  Agriculture  Biological Hazards  Chemical Plants  Disaster Management  Petrochemical  Tank Cleaning |
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## Technical Data

| PHYSICAL PROPERTIES                     | TEST METHOD    | CLASS                        |
|-----------------------------------------|----------------|------------------------------|
| Abrasion Resistance                     | EN ISO 12947-2 | 2                            |
| Flex Cracking Resistance                | EN ISO 7854/B  | 6                            |
| Trapezoidal Tear Resist.                | EN ISO 9073-4  | 2                            |
| Tensile Strength                        | EN ISO 13934-1 | 1                            |
| Puncture Resistance                     | EN 863         | 2                            |
| Seam Strength                           | EN ISO 13935-2 | 3                            |
| Antistaticity                           | EN 1149-5      | Pass                         |
| pH Value                                | EN ISO 3071    | Pass                         |
| Resistance to Ignition                  | EN 13274-4     | Pass                         |
| Moisture Vapor Transmission Rate (MVTR) | ASTM E96B      | 7,123 g/m <sup>2</sup> *24hr |
| Water Vapor Resistance (Ret)            | EN ISO 11092   | 21.0 Pa*m <sup>2</sup> /W    |

| CHEMICAL PROPERTIES    | TEST METHOD | PENETRATION | REPELLENCY |
|------------------------|-------------|-------------|------------|
| Sulfuric Acid (30%)    | EN ISO 6530 | 3           | 3          |
| Sodium Hydroxide (10%) | EN ISO 6530 | 3           | 3          |
| o-Xylene               | EN ISO 6530 | 3           | 3          |
| Butan-1-ol             | EN ISO 6530 | 3           | 3          |

| AGAINST INFECTIVE AGENTS                           | TEST METHOD        | CLASS |
|----------------------------------------------------|--------------------|-------|
| Resistance to penetration by blood/fluids          | ISO 16603:2004     | 6     |
| Resistance to penetration by blood-borne pathogens | ISO 16604:2004     | 6     |
| Resistance to wet microbial penetration            | ISO 22610:2006     | 6     |
| Resistance to liquid aerosol penetration           | ISO/DIS 22611:2003 | 3     |
| Resistance to dry microbial penetration            | ISO 22612:2005     | 3     |

| WHOLE SUIT TEST PERFORMANCE                                                                                                                                             | CLASS |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Type 4 EN 14605:2005+A1:2009 Spray Test<br>Test method: EN ISO 17491-4:2008 Method B                                                                                    | Pass  |
| Type 5 EN ISO 13982-1:2004+A1:2010 Inward Leakage Test<br>Test method: EN ISO 13982-2:2004<br>pass = $L_{\text{min},82/90} \leq 30\%$ and $L_{\text{s},8/10} \leq 15\%$ | Pass  |
| Type 6 EN 13034:2005+A1:2009 Reduced Spray Test<br>Test method: EN ISO 17491-4:2008 Method A                                                                            | Pass  |
| EN 1073-2 Against Radioactive Contamination<br>Test method: EN 1073-2:2002                                                                                              | 1     |

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| Limitations |  Do not wash  Do not dry clean  Do not iron  Do not machine dry  Do not reuse  Keep away from fire |
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| Storage & Disposal | <ul style="list-style-type: none"> <li>Store clean and in original packaging at 15°C to 25°C (58°F to 78°F) with &lt;80% humidity</li> <li>Store away from sunlight, high temperatures, and solvents</li> <li>Shelf life is 60 months from manufacture if stored as above</li> <li>Handle and dispose of contaminated garments carefully according to national regulations</li> </ul> |
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