# Technical sheet



**Disposable coverall - MUTEX 2 type 5 and 6**

Marque: HONEYWELL

Ref Product: wire:4180002

Ref Mcmining: COMB4180002---

| **Description** | |
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| **Product Number: 4180002** | |
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| **MUTEX 2** | |
| | **Single use coverall type 5 and 6 which protects against biological agents.** |
| | |
| **Reference Number** | 4180002 |
| **Product Type** | Protective Clothing |
| **Range** | Disposable Clothing |
| **Brand** | Honeywell |
| **Industry** | |
| | Industry |
| | Automotive and Part Manufacturer |
| | Building and Construction |
| | Chemical Industries |
| | Energy or Electricity |
| | Green Spaces |
| | Industrial Cleaning |
| | Laboratory |
| | Maintenance |
| | Medical and Pharmaceutical |
| | Petro-chemical |
| | Services |
| | Utilities |
| | Water treatment |
| **Product Use** | |
| | Industrial painting |
| | handling of chemical/petrochemical products |
| | Pharmaceutical industry |
| | Microelectronics |

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| | Clean room |
| | Biological risks |
| | Industrial cleaning |
| | Abestos removal |
| **Feature and benefits** | |
| **Feature** | |
| | Mutex 2 is : - Category III - Type 5 and 6 - Silicone & latex free - Breathable - Antistatic Honeywell exclusive material |
| **Benefit** | |
| | Excellent liquid tightness : - No seams on arms and shoulders - Double Outer & inner flap Excellent resistance : - Maxi-wide seams |
| | Special design at crotch prevents from tearing |
| | |
| | Excellent fit and comfort : |
| | Special cut under arms for more freedom of movement |
| | Elasticated back |
| | |
| **Technical specification** | |
| | Mutex 2 is made with white antistatic polyethylene and microporous film. Mutex 2 has hood, ankles, wrists & back elasticated. |
| **Gender** | Unisex |
| **Size** | S |
| **Table Size** | Table size |
| **Material** | 69g/mÂ² |
| **Color** | White |
| **Composition** | |
| | Water proof and breathable membrane made through lamination of white microporous PE film and white non woven antistatic polypropylene material. |
| **Type of Protection** | |
| | **5** |
| | **6** |
| **Performance** | |
| | Abrasion resistance (EN 530) : > 2000 cycles (Class 6) Trapezoidal tear resistance (ISO 9073-4) : |
| | Machine direction : 31,3 N (Class 2) |
| | Cross direction : 58,1 N (Class 2) |
| | |
| | Flex cracking resistance (ISO 7854 MB):> 100 000 cycles (Class 6) |
| | Puncture resistance (EN 863) : 18,2 N (Class 2) |
| | Resistance to ignition (EN 13274-4) :Self-extinguishing material |
| | Surface resistivity (EN 1149-1) : OK (3,1 . 1010 Ohm) |
| | Resistance to penetration by solid particles (EN 13982-1) : Ok |
| | RÃ©sistance to penetration of nuclear particles(EN 1073-2) : OK (class 1) |
| | Spray test (EN 13034 - EN 468) : Ok |
| | Resistance to penetration by infective agents (EN 14126) |
| | |
| | Material resistance to penetration by : |
| | synthetic blood : Ok |
| | to the penetration of pathogens carried in blood :Ok (Classe 6) |
| | infectious agents by mechanical contact with contaminated liquids :Ok (Classe 6) |
| | contaminated liquid aerosols : Ok (Classe 3) |
| | contaminated solid particles : Ok (Classe 3) |

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| **Limitation of use** | |
| | Do not use the overalls when there is a defect. When the closing system is faulty, the seams open or any other defects which appear. |
| **Certification** | |
| **E.C. Declaration of Conformity** | |
| **EC Category PPE** | 3 |
| **EC Certificate Number** | DPI 632 AT 001 |
| **EC Attestation** | |
| **Accesories** | |
| | Overshoes (ref. 4551000) and overboots (ref. 4550000) are recommended to complete the suit and ensure a better protection. |
| | This product is a single use garment. The user must wear this garment in association with other equipments (shoes, gloves, glasses, masks...). |