

# KLEENGUARD\* Apparel

## A71 Chemical Permeation and Liquid Jet Protection Coverall

Suitable for handling of aqueous chemicals, low pressure industrial cleaning and maintenance.

### Protection against aqueous chemical jet & spray<sup>(1)</sup>

- Durable film laminate with sewn and taped seams provides a strong barrier to chemical spray<sup>(1)</sup>
- Sewn and taped seams with tear resistant fabric offers a strong liquid-tight barrier
- Storm-flap height and hood designed for easier taping to a respirator
- Elasticated hood, cuffs and waist designed for better comfort and safety
- Highly visible for improved worker safety
- Silicone free and anti-static fabric EN 1149-1 for critical areas
- EN 14126 approved for infective agents protection
- EN 1073-2 approved for radioactive dust protection<sup>(2)</sup>
- Keep away from flames



### Product Performance Data

| Property                    |  |                                |
|-----------------------------|--|--------------------------------|
| Fabric Tests                | Test Method                                    | Class <sup>(3)</sup> or Result |
| Abrasion resistance         | EN 530 Mth 2                                   | 6                              |
| Flex cracking resistance    | ISO 7854 Mth B                                 | 2                              |
| Trapezoidal tear resistance | ISO 9073-4                                     | 2                              |
| Puncture resistance         | EN 863   | 2                              |
| Tensile strength            | EN ISO 13934-1                                 | 1                              |
| Resistance to permeation    | EN 374:3 (10% NaOH)                            | 6                              |
|                             | EN 374:3 (30% H <sub>2</sub> SO <sub>4</sub> ) | 6                              |
| Seam strength               | EN ISO 13935-2                                 | 3                              |
| Surface resistivity         |  |                                |
| – inside surface            | EN 1149-1:1995                                 | < 5 x 10 <sup>10</sup> ohm     |
| Infective agents            | EN 14126:2003 (A)                              | PASS                           |



**High performance apparel fabric**  
Outer layer – film coating resists splash and spray from many liquids and dry particulates.

Inner layer – cloth-like, yet tough and abrasion-resistant spunbond polypropylene.

| Whole Garment Tests  |                |  |
|--|----------------|--|
| Resistance to penetration by liquids (Jet test)                                    | EN ISO 17491-4 | PASS                                   |
| Determination of resistance of suits to penetration by aerosols and fine particles | pr ISO 13982-2 | Average Total Inward Leakage 4.13% avg |
| Radioactive dust   | EN 1073-2:2002 | 1                                      |

(Tests performed with taping at wrists, ankles and hood)

(1) Chemical test data can be found on our website, [www.kcprofessional.com/uk/chemicalprotection](http://www.kcprofessional.com/uk/chemicalprotection)

(2) Provides no protection against radioactive radiation

(3) As specified in European Standards documents EN 13034:2005 and EN ISO 13982-1:2004



CE0120



EN 14605:2005  
**Type 3-B**  
Liquid tight clothing



EN 14605:2005  
**Type 4-B**  
Spray tight clothing



EN ISO 13982-1:2004  
**Type 5-B**  
Particle protection



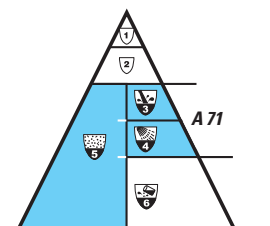
EN 1073-2:2002  
Radioactive dust contamination protection



EN 14126:2003  
Infective agents protection



EN 1149-1:1995  
Antistatic



| Description  | Size/Code | M     | L     | XL    | XXL   | XXXL  | Colour | Case Contents | PPE Classification | Type     |
|--------------|-----------|-------|-------|-------|-------|-------|--------|---------------|--------------------|----------|
| A71 Coverall |           | 96760 | 96770 | 96780 | 96790 | 96800 |        | 10 x          | CAT III            | 3, 4 & 5 |