

# KLEENGUARD\* Apparel

## A25 Liquid and Particle Protection Coverall

Experience superior freedom of movement with our innovative Coverall.

### Increased wearer comfort

- Grey stretchable film laminate is strategically placed to provide greater freedom of movement<sup>(1)</sup>
- Innovative design for additional wearer comfort
- Breathable white SMS fabric reduces the risk of heat stress

### Protection level

- General purpose apparel suitable for handling liquids, powders, general manufacturing and maintenance
- Both white SMS and grey stretchable film laminate fabrics ensure resistance to 99% of particulates larger than 1 micron (I.O.M. Aloxite test) and water based liquids

### Superior design

- Silicone free
- Triple stitched internal seams protect against tearing



### Product Performance Data


Property		
Fabric Tests	Test Method	Class <sup>(2)</sup> or Result
Abrasion resistance	EN 530 Mth 2	1
Flex cracking resistance	ISO 7854 Mth B	1
Trapezoidal tear resistance	ISO 9073-4	1
Puncture resistance	EN 863	1
Tensile strength	EN ISO 13934-1	1
Repellence to liquids	EN 368 (10% NaOH) / (30% H <sub>2</sub> SO <sub>4</sub> )	3 / 3
Resistance to penetration by liquids	EN 368 (10% NaOH) / (30% H <sub>2</sub> SO <sub>4</sub> )	3 / 3
Resistance to ignition	EN 13274-4 Mth 3	PASS
Seam strength	EN ISO 13935-2	2

Whole Garment Tests		
Resistance to penetration by liquids in the form of a light spray (mist test)	EN 468 (modified)	PASS
Determination of resistance of suits to penetration by aerosols and fine particles	pr ISO 13982-2	Average Total Inward Leakage 4.26% avg


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

(1) Patent pending  
 (2) As specified in European Standards documents EN 13034:2005 and EN ISO 13982-1:2004  
 (3) User studies carried out by an independent body in November 2008

**Did you know?**  
 90% of users preferred KLEENGUARD\* A25 Liquid & Particle Protection Coverall for ease of movement over Tyvek® Classic.<sup>(3)</sup>




CE0120




EN ISO 13982-1:2004  
Type 5

Particle protection




EN 13034:2005  
Type 6

Limited splash protection



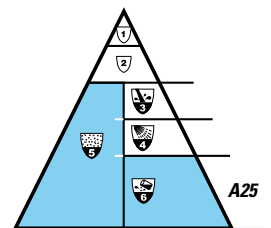
Chemical Guide


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Accessories

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Description	Size/Code	S	M	L	XL	XXL	XXXL	Colour	Case Contents	PPE Classification	Type
A25 Coverall		89940	89950	89960	89970	89980	89990	○	25 × 	CAT III	5 & 6

(4) For additional information on chemical protection, see pages 40 – 45 or visit [www.kcprofessional.com/uk/chemicalprotection](http://www.kcprofessional.com/uk/chemicalprotection)  
 (5) Accessories available, please see page 39.