

KLEENGUARD* Apparel

A40 Liquid and Particle Protection Coverall

Suitable for critical production environments such as pharmaceutical industries, manufacturing, utilities, electronics, agriculture and paint spraying.

Protection against chemical splash and particles

- Film laminate technology provides an outstanding barrier against a wide range of chemicals
- Particle protection, holds out > 99% of fibres greater than 1 micron
- Strong triple stitched seams help protect against tearing
- Hood designed for respirator use and freedom of movement
- Full length zip, eases ability to get in/out of garment
- Ultra low-lint performance, film laminate and internal seams significantly reduce levels of lint
- Anti-static fabric EN 1149-1 for critical areas
- Silicone free, ideal for paint-spraying
- EN 1073-2 approved for radioactive dust protection⁽¹⁾
- Compressed packaging provides auto-dispensing system and reduces storage space
- Sealed polybags for low contamination risk

Product Performance Data

Property		
Fabric Tests	Test Method	Class ⁽²⁾ or Result
Abrasion resistance	EN 530 Mth 2	6
Flex cracking resistance	ISO 7854 Mth B	4
Trapezoidal tear resistance	ISO 9073-4	2
Puncture resistance	EN 863	2
Tensile strength	EN ISO 13934-1	1
Repellence to liquids	EN 368 (10% NaOH) / (30% H ₂ SO ₄)	3 / 3
Resistance to penetration	EN 368 (10% NaOH) / (30% H ₂ SO ₄)	3 / 3
Resistance to ignition	EN 13274-4 Mth 3	PASS
Seam strength	EN ISO 13935-2	3
Surface resistivity	EN 1149-1	< 5 x 10 ¹⁰ ohm

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 5.09% avg
Radioactive dust	EN 1073-2:2002	1

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

(1) Provides no protection against radioactive radiation

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



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.



CE0120



EN ISO 13982-1:2004
Type 5
Particle protection



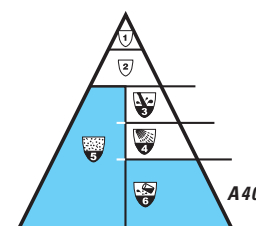
EN 13034:2005
Type 6
Limited splash protection



EN 1073-2:2002
Radioactive dust contamination protection



EN 1149-1:1995
Antistatic



Description	Size/Code	S	M	L	XL	XXL	XXXL	Colour	Case Contents	PPE Classification	Type
A40 Coverall		97900	97910	97920	97930	97940	97950	○	25 x	CAT III	5 & 6