

## KLEENGUARD™ A40 Liquid & Particle Protection Coveralls – Hooded / White

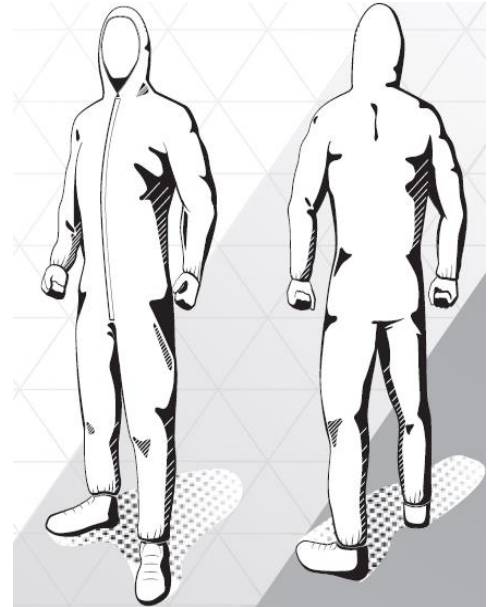
Single-use breathable protective clothing to improve safety and comfort in high-risk areas providing general protection against water-based or chemical splashes, liquids or dust particles with added benefits of antistatic protection.

### Product Information

Code	Color	Size	Case Count
97900	White	Small	25 per case
97910	White	Medium	25 per case
97920	White	Large	25 per case
97930	White	X-Large	25 per case
97940	White	XX-Large	25 per case
97950	White	XXX-Large	25 per case

### Features

- Providing protection against larger particles, radioactive dust and chemical splashes
- Helping to reduce contamination in low lint and critical areas
- Specially designed hood to fit a respirator
- Full-length zipper
- Strong over-locked stitched seams for comfort, safety and strength
- Each coverall supplied in a clear individual polybag
- Approved as Complex Design (Category III) equipment
- Type 5 and Type 6 protection level
- Not made with Silicone

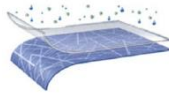


### Applications

- Pharmaceutical industry
- Manufacturing
- Utilities
- Electronics
- Agriculture
- Glass / Asbestos Fibers
- Paint spraying areas
- Clean room environments

### Fabric

- Micro-porous film (Film laminate):  
**SMS + SFL Antistatic treated spun bond**



### Protection Level CE

CE Mark

CE 0120

Level of protection according to PPE Regulation EU 2016/425

Category III PPE



PPE Regulation EU 2016/425

Chemical Protection



ISO 6530:2005 Repellency to liquid chemicals and resistance to penetration

Type 5 Particle Protection



EN ISO 13982-1:2004+A1:2010

Type 6 Limited Splash Protection



EN 13034:2005+A1:2009

Surface Resistivity

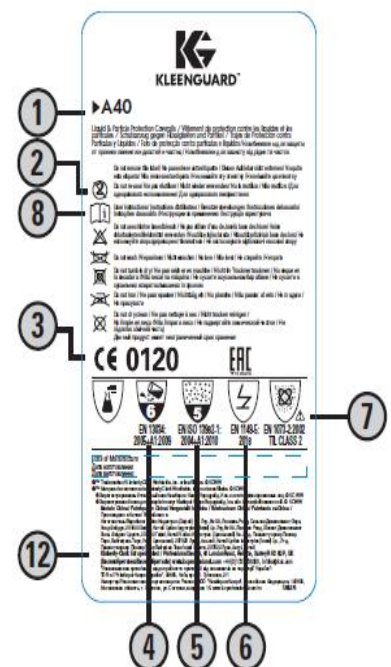


EN 1149-5:2018

Radioactive Dust




EN 1073-2:2002



Do not reuse



## Performance

Performance Attribute	Test Method	Results
Abrasion resistance	EN 530: 2010 Method 2	Class 1 of 6
Flex cracking	EN ISO 7854:1997 Method B	Class 5 of 6
Trapezoidal tear resistance	EN ISO 9073-4 :1997	Class 2 of 6
Tensile strength	EN ISO 13934 -1: 2014	Class 3 of 6
Seam Strength (Grab Test)	EN ISO 13935- 2: 2014	Class 3 of 6
Puncture resistance	EN 863: 1996	Class 1 of 6
Resistance to ignition	EN 13274-4: 2001	Pass
Antistatic (Surface Resistivity)	EN 1149-1: 2006 	Pass
Particle Inward Leakage (taped at hood, wrist & ankles)	EN ISO 13982-2: 2004	Pass (TIL 2)
Radioactive dust	EN 1073-2: 2002	Class 1
Repellency against liquid chemicals	ISO 6530:2005	Class 3, 3, 3, 3 of 3
Resistance to penetration by liquid chemicals	10% NaOH, 30% H <sub>2</sub> SO <sub>4</sub> , O-Xylene, Butan-1-ol	Class 3, 3, 3, 3 of 3
Determination of Resistance to penetration by a spray of liquid	ISO 17491-4: 2008 (modified)	Pass



The zipper contains metallic components which do not meet EN 1149-5:2018 capacitance requirements

## Trade

### ISO 9001

This gives the requirements for quality management systems, is now firmly established as the globally implemented standard for providing assurance about the ability to satisfy quality requirements and to enhance customer satisfaction in supplier-customer relationships.



## Instructions

The open book program – indicates that the user should read and understand the USER INSTRUCTIONS before using the garment.

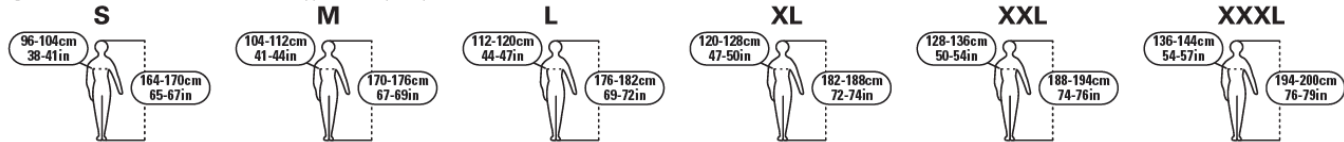


## Product Information

<b>Storage</b>	Store away from direct sunlight. Avoid extremes of temperature.
<b>Garment Use</b>	This garment is intended for professional use only. Check you have the right size garment that allows enough movement for the task. Check the garment carefully before use. Do not wear if defective, torn or damaged. Return garment to your supplier or nearest Kimberly-Clark Professional* office. Don garment, zip up fully and press zipper into lock position. If applicable seal zip flap ensuring zip is full covered. Arms must be extended to cover down to the wrists and legs extended to cover down to ankles. The hood should be raised and fitted to the face. To maximize protection the garment must be taped to additional equipment, such as gloves, boots and/ or face mask. The zipper area must be taped as well. Users should take appropriate precautions to avoid heat stress. Appropriate undergarments should be worn, and users should have rest period.
<b>Product Disposal</b>	Safety dispose of immediately after use. Do not wash the garment. Assess any contamination that may have been introduced during use. Contaminated garments should be removed in a way that minimizes the chance of contaminating the wearer and others. Means of disposal will depend on the level of contamination and local regulations. The preferred method is incineration with energy recovery.
<b>Warnings/Limitations of Use</b>	This garment is not suitable for all types of chemical exposures or prolonged or intensive exposure to chemicals. Do not use with highly toxic chemicals, chemicals vapor and gases. Improper use may result in serious injury or death. Flammable material – keep away from fire. Melting fabric can cause severe burns. The fabric begins to melt 120°C/ 248°F. This garment should be used in a temperature range to sustain comfort and safety to the user. Excessive cold or heat may influence the performance limitation of this product. The person wearing this garment shall be properly earthed. The resistance between the person's skin and earth shall be less than 108 ohms, e.g. by wearing adequate footwear on dissipative or conductive floors. Thus, garment shall not be open or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances. This garment is intended to be worn in Zones 1,2,20,21 and 22 (see EN 60070-10-1 (7) and EN 60079-10-2 (8) in which the minimum ignition energy of any explosive atmosphere is not less than 0.016mJ. This garment shall not be used in oxygen enriched atmospheres, or in Zone 0 (see EN 60070-10-1 (7)) without prior approval of the responsible safety engineer. The electrostatic dissipative performance of this garment can be affected by wear and tear laundering and possible contamination. Caution: do not launder. This

	garment shall be worn in such a way that it permanently covers all non-complying materials during normal use (including bending movements). Grounding wristbands/ankle straps should be worn (ensuring contact with skin) and be connected to an earthed mains socket. <b>RISK:</b> Protects against chemical splash and particles
Country of Origin:	China

Garment size range / Tailles du vêtement / Kleidergröße / Kledingmaten / Gamma di taglie degli indumenti / Tallas de las prendas / Tamanhos do vestuário / Tøjlets størrelsesområde / Storleksområde / Plaggets størrelse / Размерный ряд одежды / Розмір спорядження / Zakres rozmiarów odzieży / Velikosti oděvu / Vaatteiden koot / Riidetuse suurused / Tērpu izmēru diapazons / Drabužių dydžiai / Rozsah veľkosti odevu / Ruhaméret tartomány / Obseg veľkosti oblečenia / Interval mărime îmbrăcămintei / Диапазон на размерите на облеклото / 衣物尺寸范围 / 보호복 규격 / 作業服のサイズ範囲 / サイズ範囲



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Module B&D conducted by:  
SGS United Kingdom Ltd.,  
(EC Notified Body Number 0120)  
Weston-Super-Mare



Websites: [www.kcprofessional.co.uk](http://www.kcprofessional.co.uk)

Product Declaration of Conformity: [www.kcprofessional.co.uk/resources](http://www.kcprofessional.co.uk/resources)

Rev. 5/2019

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