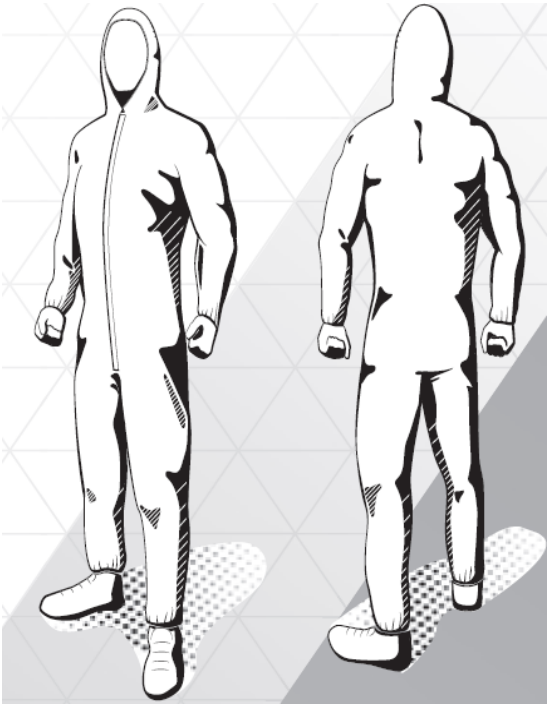
KLEENGUARD™ A40 REFLEX Liquid & Particle Protection Coveralls – Hooded / White

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
47995	White	Medium	25 per case
47996	White	Large	25 per case
47997	White	X-Large	25 per case
47998	White	XX-Large	25 per case
47999	White	XXX-Large	25 per case

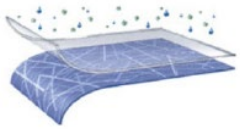


Features

- Microporous film laminated non-woven fabric provides barrier protection against solid particles, dust, and liquid splash.
- Product and materials made without intended use of silicone.
- Made with non-natural latex elastic.
- Seamless front.
- Protects against penetration of fluids and blood according to ASTMF1670.
- Protects against Isocyanate (40%).
- Provides 3.8 times better liquid barrier than leading competitor.
- Up to 8 times less lint than leading competitor.
- Human-centric pattern incorporates 8.5% more material than KleenGuard™ A20, providing uninhibited movement and maximum productivity.

Fabric

Spunbond Film Laminate: Anti-static treated according to NFPA99 + Microporous breathable film.



Applications

- Metal and general manufacturing
- Electronics
- Transportation (rails, ports, airports)
- Agriculture
- Glass / asbestos fibers
- Paint spraying areas
- Waste handling

Performance

Fabric Property	Test Method	Target
Tensile strength (MD)	ASTM D5034	≥ 39 lbf
Tensile strength (CD)	ASTM D5034	≥ 22 lbf
Trapezoidal tear (MD)	INDA IST 100.2	≥ 14 lbf
Trapezoidal tear (CD)	INDA IST 100.2	≥ 7 lbf
Elongation (MD)	ASTM D5034	≥ 70%
Elongation (CD)	ASTM D5034	≥ 80%
Lint: # of particles >0.3 µm † (Helmke Drum)	IEST-RP-003.4	Category II
Lint: # of particles >0.5 µm † (Helmke Drum)	IEST-RP-003.4	Category II
Flammability	CPSC 1610	Class 1
Static Decay (<0.5 sec)	NFPA 99	Pass

Barrier Property	Test Method	Target
Hydrohead	AATCC 127-1998	≥ 160 mBar
Particle Holdout (0.3-0.5 µm)	STM-00163 (3rd party lab)	≥ 98%
Blood Penetration	ASTM F1670	Pass
Protects against Potassium Chromate (20%)	ASTM F903	Pass
Protects against Isocyanates±	ASTM F903	Pass

±Tested against polyurethane containing polymeric isocyanate (40% concentration)

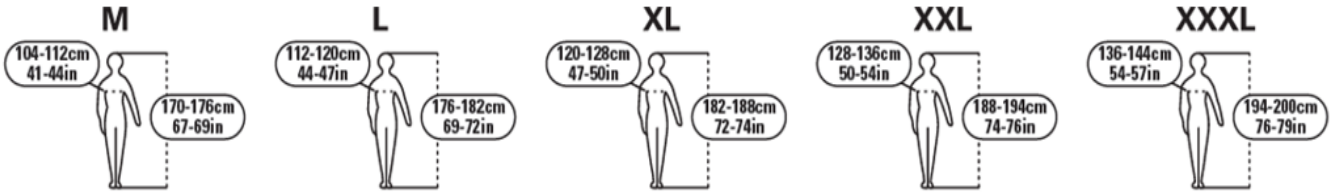
Trade

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.

Product Information

Storage	Store away from direct sunlight. Avoid extremes of temperature and humidity.
Garment Use	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 sipper 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.
Product Disposal	Safety dispose of immediately after use. Do not wash the garment. Asses any contamination that may have been introduce 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.
Warnings/ Limitations of Use	This garment is not suitable for all types of chemical exposures or prolonged of 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 earth. The resistance between the person´s skin and earth shall be less than 10^8 ohms, e.g. by wearing adequate footwear on dissipative or conductive floors. Thus, garment shall not be open or removed whilst in presence or 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 priority 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. **RISK:** Protects against chemical splash and particles
Country of Origin:	China

Garment Size Ranges



It is the employer's responsibility to assess the risk of the task to be undertaken and determine the correct choice of personal protective equipment for the task. The manufacturer, Kimberly-Clark, does not accept any responsibility for the incorrect or misuse of the personal protective equipment shown in this brochure. All care has been taken to ensure that the information contained herein is as accurate as possible at the time of publication, however errors may occur and legislation concerning personal protective equipment is under constant review and may change in the lifetime of this brochure. Accordingly, the specification for the products may be subject to change. Always dispose of used protective equipment in a safe and appropriate manner in accordance with local environmental regulations.