



CLEAN-DON*, a revolution in Aseptic Gowning

KIMTECH PURE* A5 Sterile Integrated Hood & Mask

The KIMTECH PURE* A5 Sterile Integrated Hood & Mask simplifies aseptic gowning to save time and reduce the risk of contamination.



No gaps between hood and mask ensures exhaled air is filtered through the mask.
Combines two gowning steps into one.



Elastics provide a secure and comfortable fit for a wide range of head sizes.
Elastics eliminate need for ties.



CLEAN-DON* blue line on the inside indicates correct place to grasp during gowning, saving time and reducing contamination risk.



PERSONAL & PROCESS PROTECTION:

- Ideal for EU GMP ISO 5 Grade A cleanrooms
- Gamma Irradiated, Sterility Assurance Level 10⁻⁶
- Low Lint fabric, Helmke Drum test Category I
- Bacterial Filtration Efficiency 96%
- Manufactured and Packed in ISO 5 cleanroom
- Vacuum packed for sterility assurance, saves space
- Certified PPE Cat III directive 89/686/EEC
- Type 6Pb limited chemical splash protection
- Breathable barrier combines comfort and protection

DESIGN FEATURES:

- Integrated hood and mask
- Stretch fit elastics for universal size
- Blue Indicator line to avoid touching outside
- Pull down ties on back to assist gowning
- Presented inside-out fold to avoid contamination
- High strength, bound and triple stitched seams
- High performance SMS with cloth-like feel
- Individually vacuum packed
- 25 items per double-bag, 3 double bags per case

Applications:

EU GMP
ISO 5 Grade A

Aseptic
Processing

Parenteral
Drug
Manufacturing

Biotechnology

Pharmaceutical
Compounding

Ophthalmic
product
manufacturing

Aseptic Hood
work

KIMTECH PURE* A5 Sterile Integrated Hood & Mask- Technical data

Quality Standards

Manufactured in ISO 5 cleanroom

Manufactured in ISO9001 and ISO13485 certified facility

Sterility Assurance Level 10⁻⁶ and Helmke Drum test Category I

Sterilization in accordance with EN556-1, EN ISO11737-1,-2, EN ISO 11140-1

| Fabric Tests | Test Method | Result |
|--|---------------------|--------------|
| Particle shedding test (Helmke Drum) | IEST-RP-CC003.3 | Category I |
| Bacterial Filtration Efficiency (3.0 µm) | ASTM F2100 | 96% |
| Particle filtration Efficiency (0.5 µm) | ASTM F2299 | 94% |
| Abrasion resistance | EN 530 Method 2 | Class 3 of 6 |
| Flex cracking resistance | ISO 7854 Method B | Class 5 of 6 |
| Trapezoidal tear resistance | ISO 9073-4 | Class 2 of 3 |
| Puncture resistance | EN 863 | Class 1 of 3 |
| Tensile strength | EN ISO 13934-1 | Class 1 of 3 |
| Resistance to ignition | EN 13274-4 Method 3 | Pass |
| Seam strength | EN ISO 13935-2 | Class 3 of 3 |

| EN ISO 6350:2005 – Resistance of penetration by liquids/chemicals. | CAS number | Penetration Class | Penetration % | Repellency Class | Repellency % |
|--|------------|-------------------|---------------|------------------|--------------|
| 1-butanol 100% | 71-36-3 | 3 | <1% | 1 | >80% |
| Ethanol 70% | 64-17-5 | 3 | <1% | 2 | >90% |
| Ethylene glycol 100% | 107-21-1 | 3 | <1% | 2 | >90% |
| Incidin Plus 100% | N/A | 3 | <1% | 2 | >90% |
| Incidur 100% | N/A | 3 | <1% | 1 | >80% |
| Sekusept plus | N.A | 3 | <1% | 2 | >90% |
| Sodium Hydroxide 10% | 1310-73-2 | 3 | <1% | 3 | >95% |
| Sulphuric Acid 30 | 7664-93-9 | 3 | <1% | 2 | >90% |

Test performed on Fabric used in all KIMTECH PURE* A5 Sterile Cleanroom Apparel. Type 6 EN13044 applicable to Coveralls and Hoods.

KIMTECH PURE* A5 Sterile Cleanroom Apparel range

| Description | Code | Description | Code |
|------------------------|--|------------------------|-------|
| Coveralls | 88800 (S), 88801 (M), 88802 (L), 88803 (XL), 88804 (2XL), 88805 (3XL), 88806 (4XL) | Integrated Hood & Mask | 36072 |
| Boot Covers vinyl sole | 12922 (S), 88808 (Universal), 12920 (XL) | Hood with ties | 88807 |
| Boot Covers vinyl foot | 31683 (S), 31696 (Universal), 31697 (XL) | Sleeves | 36077 |

