



Essentials Guide



A new standard in cleanroom technology

Integrity Cleanroom offers a comprehensive range of cleanroom products and solutions. Our range of high quality consumables are manufactured to meet the stringent requirements of our customers in any application.

The company is quality approved to ISO 9001:2015 standards. Our knowledgeable sales staff have been helping customers in the aerospace, automotive, defence, electronics, medical, and pharmaceutical sectors since 1987.

Based in the UK, our distribution centres span Europe, Asia, and North America giving a truly global platform for delivering time-critical solutions, even at short notice.

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Presaturated IPA Tub Wipes

Fast-acting alcohol wipes for reliable, low-lint cleaning in controlled spaces

These polypropylene wipes are suitable for use in cleanrooms, laboratories, and healthcare. They can be used for cleaning hard surfaces, machinery, utensils, and equipment.

Each low-lint single-use wipe is ready to use for fast, broad-spectrum cleaning. Housed in a portable tub with a flip-top lid, they offer clean, non-smearing, convenience with minimal waste.

Key Features:

- **70% Isopropyl Alcohol BP:** Broad-spectrum antimicrobial action with fast contact time
- **Low linting material:** 100% polypropylene, continuous filament, thermally bonded, 18gsm non-woven fabric
- **Wipe specification:** White, 200mm x 200mm,
- **User-friendly packaging:** HDPE Flip-top tub for clean, controlled dispensing. 200 wipes per tub



100% Polyester Dry Wipes

Laser-sealed polyester wipes for low-lint cleaning in critical environments

These wipes are ideal for cleanrooms, laboratories, and electronics. They effectively remove submicron particles, fibres, and chemical residue from surfaces in sensitive environments.

Made from 100% double-knit continuous-filament polyester, these wipes are laser-sealed on all four edges to minimise lint and particle release. They are abrasion-resistant, solvent-safe, and vacuum-packed for cleanroom use. Can be used dry or with cleanroom disinfectants.

Key Features:

- **Ultra-low linting material:** 100% continuous-filament polyester with sealed edges
- **Wipe specification:** Available in 178mm x 178mm, 229mm x 229mm, and 305mm x 305mm non-woven fabric
- **Material weight:** 120gsm and 140gsm options
- **Packaging:** Solvent-safe, double bagged, vacuum cleanroom packed. Pack quantities vary.

Poly/Cellulose Dry Wipes

Durable, low-lint wipes for effective cleaning across controlled environments

These 68gsm wipes are ideal for laboratories, semiconductor, aerospace, defence, and biomedical settings. They offer reliable cleaning of surfaces and equipment where strength and absorbency are essential.

Each wipe is cleanroom processed for reduced particles. They are solvent-safe, low linting, and suitable for a wide range of general-purpose tasks. Can be used dry or with cleanroom disinfectants.

Key Features:

- **Material blend:** 45% polyester and 55% cellulose, hydroentangled non-woven fabric
- **Low lint and absorbent:** Cleanroom processed for particle control
- **Wipe specification:** 229mm x 229mm, 305mm x 305mm, 406mm x 381mm
- **Packaging:** Available in packs of 100 or 300 wipes, non-sterile



Polyester ESD Dry Wipes

Antistatic wipes for safe, low-lint cleaning in ESD-sensitive areas

These wipes are ideal for use in cleanrooms and static-controlled environments. They clean sensitive surfaces without generating static, protecting equipment during routine maintenance.

Each 140gsm wipe is interwoven with black conductive fibres for excellent static dissipation. They are low linting, durable, and offer fast absorbency, making them suitable for ISO 7 environments. Can be used dry or with cleanroom disinfectants.

Key Features:

- **Antistatic material:** Polyester with single-side interwoven conductive fibres
- **Wipe specification:** Non-sterile, white with black conductive fibres, 229mm x 229mm.
- **Performance:** Surface resistivity of 10^6 ohms, absorbency ≥ 308 ml/m²
- **Packaging:** Non-sterile, 150 wipes per pack



PRINCIPLE Nitrile Gloves

Cleanroom-compatible for safe, precise handling in critical environments

These gloves are designed for use in cleanrooms, laboratories, and controlled environments. Made from 100% nitrile butadiene rubber, they are latex- and powder-free, helping to minimise the risk of allergies and contamination.

Each glove offers a comfortable fit, natural antistatic properties, and a 305mm (12in) length for extended coverage. A textured surface and beaded cuff provide enhanced grip and protection. All gloves have a five-year shelf life from the date of manufacture.

Key Features:

- **Material:** 100% nitrile butadiene rubber, powder- and latex-free
- **Grip and fit:** Textured fingertips with a beaded cuff for secure handling
- **Packaging:** Non sterile - 100 gloves per pack; sterile - 1 pair/pouch, 10 pairs/outer pack, 20 packs/case
- **Glove specification:** Off-white, 305mm (12in) length



Vinyl Gloves

Powder-free vinyl gloves for reliable protection in static-sensitive cleanrooms

These gloves are made from high-quality PVC and designed for ISO 5 cleanrooms. They provide extended coverage with a 305mm (12in) length and support contamination control in critical industries.

The ambidextrous design has a pellet-textured surface for easy donning, secure grip, and tactile sensitivity. Durable and tear-resistant, they are ESD safe with low particle and ion content and have a five-year shelf life.

Key Features:

- **Material:** Powder-free PVC with pellet-textured surface for grip
- **Design:** Ambidextrous, 305mm (12in) length for extended coverage
- **Packaging:** Cleanroom packed, double bagged, 100 gloves per pack
- **Compliance:** ESD safe and ISO 5 cleanroom compatible

Pleated Bouffant Mob Cap

Low-risk PPE caps for hygiene and cleanroom use

These pleated bouffant caps are made from 100% non-linting, non-woven polypropylene spunbond fabric. Latex-free with elasticated closure, they provide a breathable, secure fit that prevents hair contamination in cleanrooms, food, and light industrial environments.

These caps, available in blue and white, measure 530mm in diameter. Manufactured in an ISO-certified facility, they offer reliable quality and a five-year shelf life from date of manufacture.

Key Features:

- **Material:** Non-linting, non-woven polypropylene spunbond fabric
- **Design:** Pleated bouffant style with elastic closure for snug fit
- **Colour:** Blue and white | **Size:** 21in diameter
- **Packaging:** 100 pcs per pack, 10 packs per case
- **Compliance:** Low-risk PPE, latex-free, ISO 7 compatible



Beard Snood

Disposable cleanroom beard cover for contamination control

This white beard snood is made from 100% non-linting, non-woven spunbound polypropylene fabric. Lightweight and breathable, it provides comfortable, disposable protection against stray facial hair contamination. The elasticated design ensures a secure, snug fit without discomfort.

Ideal for use in cleanrooms, laboratories, food processing, and other hygiene-sensitive areas. Non-sterile and ISO 7 compatible.

Key Features:

- **Material:** White, non-linting, non-woven polypropylene
- **Design:** Elasticated for secure, comfortable fit
- **Packaging:** 1,000 pcs per case (100 pcs x 10 bags)
- **Compliance:** ISO 7 compatible, non-sterile
- **Control:** Prevents contamination from facial hair

Face Mask with Ear Loops

Durable, splash-resistant face masks for secure fit in critical environments

These disposable face masks are designed for use in critical environments such as electronics, aerospace, laboratories, healthcare, and food processing. Made from 25gsm melt-blown and 20gsm ES composite fibre, they provide excellent splash resistance while remaining lint-free and durable.

The adjustable aluminium nose piece and soft knitted ear loops ensure a comfortable and secure fit for extended wear. Manufactured in ISO-compliant facilities, these masks offer reliable particle and bacterial filtration efficiency of over 95%.

Key Features:

- **Material:** 25gsm melt-blown and 20gsm ES composite fibre, lint-free
- **Design:** Adjustable aluminium nose piece with soft knitted ear loops for secure fit
- **Packaging:** 100 pcs per pack, non-sterile
- **Performance:** Splash resistant with >95% particle and bacterial filtration efficiency



CPE Shoe Covers

Disposable polyethylene shoe covers for low-risk controlled environments

These blue CPE shoe covers provide essential protection in cleanrooms, hospitals, laboratories, and other low-risk settings. Made from chlorinated polyethylene with elasticated edges, they ensure a secure and comfortable fit while preventing contamination from dust, dirt, and biological particles.

Designed for easy application and disposal, these overshoes help maintain hygiene standards and reduce cross-contamination risks. Available in two sizes (33.5cm and 41cm), they offer full shoe coverage.

Key Features:

- **Material:** Blue chlorinated polyethylene (CPE) with embossed finish
- **Design:** Elasticated edges for a secure, snug fit over shoes
- **Packaging:** 2,000 pcs per case (100 pcs x 20 bags)
- **Compliance:** CE Category 1 (minimal Risk for low-risk environments)

Disposable Lab Coat

Type PB [6-B]

Antistatic, breathable lab coat for cleanroom and protective use

This disposable, non-sterile lab coat is made from 55gsm microporous, non-woven fabric and features a zip-up front and elasticated cuffs for a secure, comfortable fit. The fabric offers excellent protection against dust, liquid splash, and infective agents.

CE certified and antistatic, this lab coat meets PPE Category 3, Type 5 & 6 standards. Breathable and durable, it reduces heat stress for long wear. Available in 6 sizes and sold individually.

Key Features:

- **Material:** 55gsm microporous, breathable fabric
- **Design:** Zip closure with elastic cuffs
- **Protection:** CE certified, antistatic, PPE Cat 3, Type 5 & 6
- **Garment specification:** White | Sizes: S to 3XL



Disposable Coverall

Type 5B/6B

Antistatic, breathable coverall with hood and elasticated cuff

Made from 55gsm microporous non-woven material, this disposable non-sterile white coverall protects against airborne particles and liquid splashes. Features include a 2-way zipper with storm flap, elasticated, cuffs, ankles, and hood for a secure fit.

CE certified and antistatic, it meets PPE Category 3, Type 5B and 6B and offers strong tear resistance and breathable comfort. Coveralls sold individually.

Key Features:

- **Material:** 55gsm breathable microporous fabric
- **Design:** Elasticated waist, cuffs, ankles, panel hood, zip closure with storm flap
- **Protection:** CE certified, antistatic, PPE Cat 3, Type 5B & 6B
- **Durability:** Strong tear and seam strength
- **Garment specification:** White | Sizes: S to 5XL

Cleanroom Pens

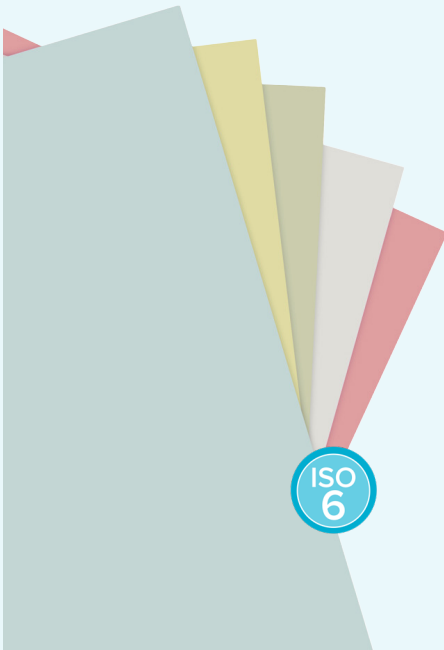
Chemical-resistant cleanroom pens with non-smearing ink for critical areas

These cleanroom pens are designed for use with cleanroom paper and labels, providing reliable, non-smearing permanent ink in black or blue. The barrels are made from high-density polypropylene, a chemical-resistant material compatible with IPA use.

Suitable for ISO 6 environments, the pens feature low sodium and chloride content and minimal heavy metals. Each pen is double poly-packed in cleanroom bags to maintain purity and can be supplied sterile or non-sterile.

Key Features:

- **Material:** High-density polypropylene barrel with non-smearing permanent ink
- **Specification:** Available in black or blue
- **Packaging:** 12 pens per pack, double poly-packed in cleanroom bags
- **Compliance:** Low sodium and chloride content



Cleanroom Paper

Ultra-low particle A4 cleanroom paper for smudge-free printing and writing

Our paper is carefully processed to ensure ultra-low particle and fibre generation, making it ideal for contamination-sensitive environments. It is fully RoHS compliant and engineered to provide excellent resistance to IPA, helping maintain its integrity even when exposed to cleaning solvents.

Compatible with most inks, this paper guarantees smudge-free writing and printing for clear, precise documentation. Perfect for note-taking, printing forms, and maintaining log sheets.

Key Features:

- **Material:** 73gsm cleanroom paper with ultra-low particle and fibre generation
- **Compatibility:** Works with most inks, resistant to IPA and heat, suitable for laser printing
- **Packaging:** 250 A4 sheets per pack, available in 5 colours
- **Compliance:** ISO 6 cleanroom processed, RoHS compliant, sterile option available

Class 100 LDPE Cleanroom Bags

Ultra-clean packaging for safe storage and transport

LDPE cleanroom bags are manufactured from ultra-low outgassing, low-density polyethylene making them ideal for use within controlled applications.

Each bag is 100 microns thick, offering a durable barrier that remains flexible and easy to seal. These heat-sealable bags come in a range of sizes; a reliable packaging choice for the pharmaceutical, semiconductor, and biotechnology industries. Double-bagged to maintain cleanliness during handling, storage, and transport.

Key Features:

- **Material:** 100 micron low-density polyethylene with ultra-low outgassing
- **Design:** Flexible, heat-sealable construction for secure closure
- **Packaging:** Double-bagged for cleanroom integrity, 100 per pack
- **Compliance:** Manufactured in a Class 100 / ISO 5 cleanroom



Learning About Contamination Control

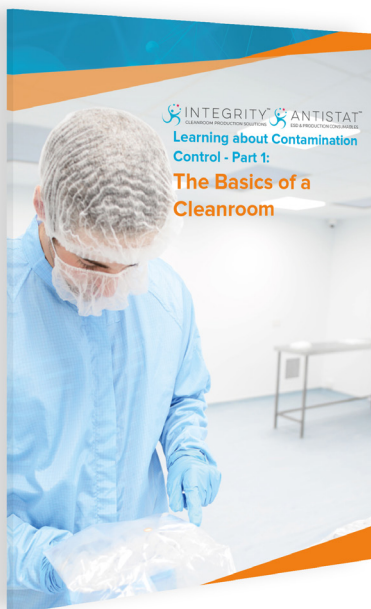
Integrity's essential tools and guidance for managing your controlled environment

Whether you are new to contamination control or want to refresh your knowledge, our series of guides is designed to help you navigate the requirements of your application and promote best practice.

Our "Learning about Contamination Control" guides include:

- Part 1** The basics of a Cleanroom
- Part 2** What makes a Cleanroom
- Part 3** Choosing the ideal Cleanroom Garments
- Part 4** Choosing the best Cleanroom Gloves
- Part 5** Preparing for the Cleanroom
- Part 6** Choosing the most suitable Wipes
- Part 7** Keeping your Cleanroom Clean
- Part 8** Chemicals in the Cleanroom

Find all our guides and more over on our website at:
www.integritycleanroom.co.uk/cleanroom-resources/





ISO 9001 Quality Assured

We are focused on meeting our customer's expectations and delivering exceptional customer satisfaction

Customer focused

With over 35 years' experience, Integrity Cleanroom's service is the very core of our customer's success

Standard of Excellence

From beginning to end our team of knowledgeable critical environment experts are here to help.

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Updated 14 August 2025