

Semiconductor Research and Manufacturing Checklist

The Fisher Scientific channel offers a broad selection of products for controlled environments and safety as well as chemicals, equipment, and more to advance semiconductor research and manufacturing.

Use this checklist to help ensure you have the products needed to support innovation, drive operational improvement, and enhance compliance and sustainability.

Apparel and Footwear

Disposable

- Aprons
- Bouffants
- Coveralls
- Frockes
- Hoods
- Lab coats
- Shoe/boot covers
- Sleeves

Reusable

- Boots
- Coveralls
- Fire retardant (FR) garments
- Frockes
- Hoods
- Lab coats
- Shoe/boot covers

Chemicals

- Acids and bases
- Analytical standards
- Buffers and solutions
- Heat transfer fluids
- Metals and salts
- Performance chemistry
- Solvents
- Specialty coatings and etchants

Cleaning and Housekeeping

- Buckets
- Cleaners and disinfectants
- Liners
- Mops
- Spill control
- Vacuums
- Waste disposal and refuse containers
- Wipers and swabs

Consumables

- Glassware
- Metal trays
- Plasticware/bags/foil

Electrostatic Discharge (ESD)

- Foot grounders
- Garments
- Ionization products
- Work surfaces/matting
- Wrist straps/coil cords

Equipment

- Circulating baths and recirculating chillers
- Electron microscopes
- Microbalances
- Moisture analyzers
- Physical testing and electrochemistry meters
- Thermal analyzers

Equipment (Cont.)

Environmental and Temperature Control

- Constant temperature equipment and dataloggers
- Desiccators
- Environmental chambers, glove boxes, and ventilator hoods
- Ovens and furnaces

Furniture

- Benches
- Carts
- Dispensers
- Racks
- Seating
- Storage and safety cabinets
- Tables

Gloves

- Chemical
- Finger cots
- Liners
- Natural rubber latex
- Nitrile
- Specialty
- Sterile
- Vinyl

Visit fishersci.com/semiconductor or fishersci.ca/semiconductor to shop and learn more about products for electronics and semiconductor applications.

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Matting

- Static dissipative
- Tacky

Other Personal Protective Equipment

- Hearing protection
- Respirators
- Safety eyewear and goggles

Packaging and Tubing

- Bags and antistatic bags
- Film
- Tubing and connectors

Stationery

- Clipboards
- Labels and signage
- Notebooks
- Paper
- Pens

Swabs

- Foam
- Microfiber
- Polyester

Tape

- Antistatic
- Cleanroom

Wipers

- Knitted
- Nonwoven
- Pre-saturated
- Sterile

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