APPAREL

Reusable Lab Coats

Reusable lab coats offer protection for yourself and your clothing in and out of the laboratory.

Fisherbrand™ reusable lab coats offer a range of options to provide flexibility and protection at a competitive price.

Available in two fit options to provide comfort in a 65/35 polycotton blend, or a unisex 100% cotton option. Fisherbrand offers a choice of fabrics to best suit your needs. Cotton is the most common material used for lab coats as the material is lightweight, comfortable and fairly durable. Usually, lab coats can be made from cotton or a cotton/polyester blend. This is the ability to combine the best qualities of the fabric at a lower price. Cotton is breathable but wrinkles easily, so it is often combined with polyester which makes it easy to wash and wear.

- **100% cotton:** Traditional medical cotton lab coat; soft and cool. Requires ironing and may shrink slightly. Cotton can be degraded by acid and so are not always suitable for use with chemicals.
- **65% polyester/35% cotton:** The fabric has minimal shrinkage; thus no ironing is required. Polyester makes the lab coat resistant to liquid spills; cotton makes it cool and comfortable.

Coveralls

Coveralls are loose-fitting protective clothing that work as a shield against harsh weather, chemicals, liquid splashes and sprays, dirt, grease, fire, and dust. The protection covers your body from neck to ankles as well as covering arms and shoulders.

Coveralls are usually worn over the top of clothing to protect skin and garments against a number of chemical, mechanical, thermal and biological hazards. Workers wear coveralls in many industries including pharmaceutical research, food and beverage industry, farming, mechanical industries and many more. There are also specific ranges suitable for the Cleanroom (not included in this Catalogue).

Industrial, pharmaceutical manufacturing, laboratory workers all wear disposable coveralls. There are a wide variety of protection levels for coveralls, including: liquid splashes and sprays, hazardous chemicals, dust, dry particulates, and hazardous gases. It is vital to identify the hazard before choosing the appropriate coverall (see table):

Head to toe protection from chemicals and more
Gas-proof: fully sealed suits
Limited gas-tightness: suits prevent dust, liquids and vapours from penetrating at overpressure
Liquid-proof protection: suits are approved to withstand compressed fluids e.g. from hoses and nozzles
Splash proof protection: suits are approved for the saturation of a liquid that can condense on the suit. Type 4B protects against biologically contaminated particles
Protect against **harmful substances.** Type 5B protects against biologically contaminated particles
Limited splash-proof protection: protect when there is a risk of splashing on the suit. Type 6B protects against biologically contaminated particles
Protect against **biological contaminated particles**
Protect against **radioactive particle contamination**
Electrostatic protection

Protection Level