

# REUSABLE ISOLATION GOWNS

A Strategic Supply Chain Solution



# Mitigate Supply Risks. Control Costs. **Protect Healthcare Personnel.**

Trust Standard Textile to help you meet today's challenges and anticipate future needs. With deep industry expertise, a vertically integrated manufacturing and distribution network, and an end-to-end understanding of the healthcare supply chain, we can provide the reliability and consistency you need to safeguard healthcare personnel, patients, and visitors.

The advantages of reusable products might come as a surprise. Switching from all disposable products to a mix of reusable and disposable can save your organization money, reduce waste, and lower your environmental footprint. Studies have shown that compared to disposables, reusables are more comfortable, easier to use, and safer.

## **IMPROVED COMFORT AND SAFETY**

A recent case study comparing reusable and disposable linens found that there are substantial benefits to using reusable linens, including energy, water, carbon footprint, waste, and instrument recovery. The study also showed that when comparing cost, comfort, and barrier protection, reusable items had a comparable or superior ranking to disposables.





# COMPEL®

## Proven protection and comfort.

Breathable. Reusable. Liquid-Resistant.

Our innovative ComPel® technology utilizes a patented optimized synthetic microfilament construction that repels liquids even as it allows moisture vapor to pass through. It also delivers significant documented cost savings versus disposable gowns.

The lapover sidetie design, long sleeves, and synthetic stockinette cuffs deliver a comfortable fit with complete coverage. ComPel® fabric is very durable and holds up well to the rigors of industrial laundering. It is available in three sizes (L, XL, 3XL) with color-coded ties and binding and includes a QCM grid for monitoring wash/dry cycles.

### FEATURES

AAMI Level 2.

Patented synthetic construction.

Lightweight, latex free and virtually lint free.

Jet dyed yellow color.

Tape ties at neck and waist for secure, complete coverage.

Long golf sleeves with white 4" lint-free 100% polyester stockinette wrist cuffs.

QCM grid for monitoring wash/dry cycles.

Large, XLarge, and 3XL sizes.





# EASYRELEASE™

## Safety. Simplified.

Unique protection, designed for comfort and safety.

Reusable EasyRelease™ isolation gowns offer significant potential cost savings, in addition to user reports of better comfort and higher levels of satisfaction. EasyRelease™ offers clear environmental benefits compared to disposable products, including reduced medical waste in landfills and reduced cost for waste disposal.

### FEATURES

AAMI Level 1.

Deep yellow color.

Velcro neck for fast, pull-forward easy release.

Multifilament, woven polyester fabric with carbon yarns repels fluids and reliably protects.

A patent-pending proprietary specification hook and loop closure at neck and waist, eliminating the ties as a source of potential contamination.

Golf sleeves with lint-free 100% polyester stockinette wrist cuffs.

QCM grid for monitoring wash/dry cycles.

Large, XLarge, and 3XL sizes.





# FRONT OPENING

Minimizes exposure. Easy to wear.  
**Patent-pending.**

Our patent-pending Front Opening Isolation Gown is easily donned like a lab coat, and minimizes exposure to uncovered areas such as hair and back of neck.

The positioning of a Hook and Loop at the shoulder and knee allow for quick, efficient donning and doffing. A metal snap closure at shoulder acts as an independent closure or “fail safe” back up. Carbon electrostatic discharge (ESD) yarns prevent static accumulation on the gown surface.

## FEATURES

AAMI Level 1.

100% polyester fabric with ESD yarns.

Velcro closures at left shoulder and left knee.

Twill tape tie closure at front waist.

Long raglan sleeves.

100% polyester white stockinette wrist cuffs.

QCM grid for monitoring wash/dry cycles.

Jet dyed yellow.

Available in Large.





# ISOLATION GOWN

Total coverage. **Comfortable fit.**

Our Isolation Gowns are a practical solution where static control is a priority. Made from durable fabric with uniformly spaced electrostatic discharge (ESD) yarns, the Isolation Gown provides complete coverage with comfort and long product life.

The Lapover sidetie design ensures total coverage, and ties at neck and waist are reinforced for extended durability. Stockinette cuffs made from 100% polyester comfortably fit a variety of wrist sizes and withstand the rigors of industrial processing.

## FEATURES

AAMI Level 1.

100% Polyester fabric with ESD yarns.

White neck binding (Size L and XL) and ties at neck and waist.

Jade neck binding (3XL).

Long golf sleeves.

100% polyester white stockinette wrist cuffs.

QCM grid for monitoring wash/dry cycles.

Jet dyed yellow.

Available in Large, XL, and 3XL Large.





# ISOLATION GOWN DISPENSER BAG

The easy, efficient way to  
**reuse isolation gowns.**

More and more hospitals are taking a closer look at the financial and environmental costs of disposable apparel. Disposable isolation gowns are an obvious area of concern—a typical hospital uses numerous isolation gowns a day, many worn for only a minute or two.

Still, many hospitals have continued to choose disposables over reusable isolation gowns, primarily because of the perceived convenience or presumed advantages of disposable gowns in distribution, handling, and dispensing.

Until now.

## FEATURES

Convenient to dispense.

Simply hangs over a door or hook, and visitors and staff members pull out individual gowns from the bottom of the bag.

The design ensures that only one isolation gown is cleanly and conveniently dispensed at a time.

Each bag can be filled with approximately 20 laundered gowns.

Gowns don't have to be folded, so the process is simple and quick—less than 90 seconds per bag in real-world testing.

Loaded bags can then be distributed back to the hospital as ready-to-use units.





# Benefit Statement for Reusable Isolation Gowns

Standard Textile is a passionate advocate of the environment, with a proud history of commitment to sustainable processes and responsible products.

Responsible use and processing of reusable products protect the environment from the damage caused by the sometimes unnecessary use of disposable products.

Standard Textile partnered with a healthcare system to provide state-of-the-art reusable textile products supported by world class quality assurance systems. The following page provides the benefit results.

## **CLEANER.GREENER.BETTER.**

Extensive research was recently conducted by an independent Life Cycle Assessment practitioner, following ISO Standards and under an unbiased critical Review Panel.

The purpose of the study was to compare the environmental impact of the use of disposable surgical gowns with the use of reusable gowns, from “cradle to grave” (raw material > manufacturing > use > disposal).

Using the information from the surgical gown study, we extrapolated the environmental impact of converting from disposable to reusable isolation gown

Areas of environmental impact analyzed included:

- Total Energy Use (Renewable and Non-Renewable Fuels)
- Water Consumption
- Global Warming Potential (CO<sup>2</sup>)
- Acidification Potential (SO<sup>2</sup>)
- Water Pollution Potential (Phosphates)

In each of these areas, the use of reusable gowns is significantly better for the environment than the use of disposable gowns.

## 2,400 BED HEALTH SYSTEM BENEFIT STATEMENT

Utilizing reusable vs. disposable isolation gowns, the Healthcare system had the following impact on the environment:



**Saved over 2,105,000 gallons of water** enough for the annual needs of more than 22 households.



**Saved over 5,750,000 mega joules of energy** enough for the annual energy needs of more than 159 households.



**Reduced over 215,000 pounds of CO<sup>2</sup>** equivalent to the emission produced by 55 round trips by car between LA and New York.



**Reduced hazardous waste** by more than **159,000 pounds**.



**Reduced over 6,250 pounds of SO<sup>2</sup>** (Acidification Potential).



**Reduce over 254.50 pounds of phosphates** (Water Pollution Potential).

