

SurgiTex[®]
SURGICAL TEXTILE SOLUTIONS

THE FUTURE IS
REUSABLE

STANDARD
TEXTILE est. 1940



THE VALUE OF REUSABLE.

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 study¹ comparing reusable and disposable linens found that there are substantial benefits to using reusable linens, including energy, water, carbon footprint, waste, and instrument recovery savings. The study also showed that when comparing cost, comfort, and barrier protection, reusable items had a comparable or superior ranking to disposables.

SURGEONS	Comfort				Ease of Use				Protective Properties			
	Disposable		Reusable		Disposable		Reusable		Disposable		Reusable	
	Superior	6%	Superior	86%	Superior	33%	Superior	87%	Superior	30%	Superior	92%
SURGICAL TECHNOLOGISTS	Good	38%	Good	10%	Good	47%	Good	11%	Good	45%	Good	6%
	Fair	23%	Fair	4%	Fair	19%	Fair	2%	Fair	20%	Fair	2%
	Poor	33%	Poor	0%	Poor	1%	Poor	0%	Poor	5%	Poor	0%
	Superior	23%	Superior	83%	Superior	53%	Superior	86%	Superior	23%	Superior	94%
	Good	38%	Good	9%	Good	20%	Good	6%	Good	41%	Good	3%
	Fair	30%	Fair	8%	Fair	24%	Fair	8%	Fair	33%	Fair	3%
	Poor	9%	Poor	0%	Poor	3%	Poor	0%	Poor	3%	Poor	0%

Conrardy J, Hillanbrand M, Myers S, Nussbaum G.F. (2010). Reducing Medical Waste. AORN Journal,91, 717–18. DOI: <https://doi.org/10.1016/j.aorn.2009.12.029>

**CUSTOMIZED
FOR YOUR NEEDS.
OPTIMIZED
FOR EFFICIENCY.**

SurgiTex®

SURGICAL TEXTILE SOLUTIONS

SurgiTex® Consultative Services help you realize the maximum benefits from our reusable surgical products. Our team of experts and clinicians will analyze every aspect of your surgical pack processing, and develop a customized plan that improves quality, lowers cost, increases efficiency, and reduces waste.

We can provide engineering, clinical training, quality assurance, and technical service support. Hospitals that have taken advantage of our SurgiTex® system have realized significant savings.

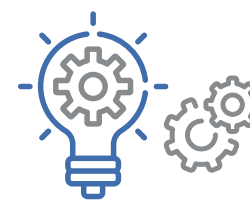
The Three Phases of the SurgiTex® System



Phase 01

Data Collection and Planning

1. On-site Evaluation
2. Clinical Interviews
3. Cost Analysis
4. On-site Product Trial for End-users
5. Trial Review
6. Partnership Agreement



Phase 02

Implementation

1. Create a SurgiTex® Committee
2. Hospital Staff Training
3. Engineering Support
4. Clinical Support



Phase 03

Quality Monitoring Program (QMP)

1. Quarterly Review
2. Written Report
3. Quantitative Conclusions
4. Cost Reduction Suggestions
5. Quality Improvement Ideas



Improved Sustainability Efforts

Healthcare facilities are the second highest contributor of environmental waste in the United States. The healthcare industry produces more than 6,600 tons of waste each day, which adds up to over four billion pounds of waste annually.^{3,4}



Waste from procedural areas accounts for approximately 70% of all hospital waste.

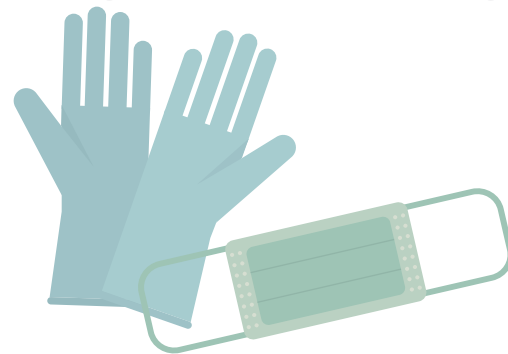
70%
of all hospital waste



In particular, operating rooms are estimated to generate between

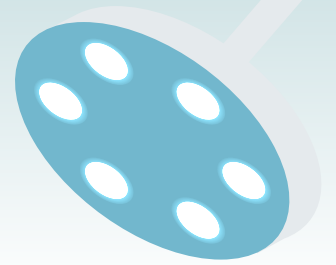
20% and 33%

of the total waste produced in hospitals.^{5,6}



Cost Savings and Revenue

Surgical Departments are critical to a healthcare facility's success and business model, bringing in between 40 to 60% of revenue and up to 60% of its operating margin in some instances.



Conversely, they have a higher medical supply usage rate, estimated to account for approximately 33% of all supply costs as well as large cost requirements related to energy use and waste management.

Reusables reduce

A recent evidence-based life cycle analysis¹ was able to demonstrate the substantial sustainability advantages of reusable surgical gowns and drapes over equivalent disposable products.



Reduce natural resource energy usage by **200%–300%**

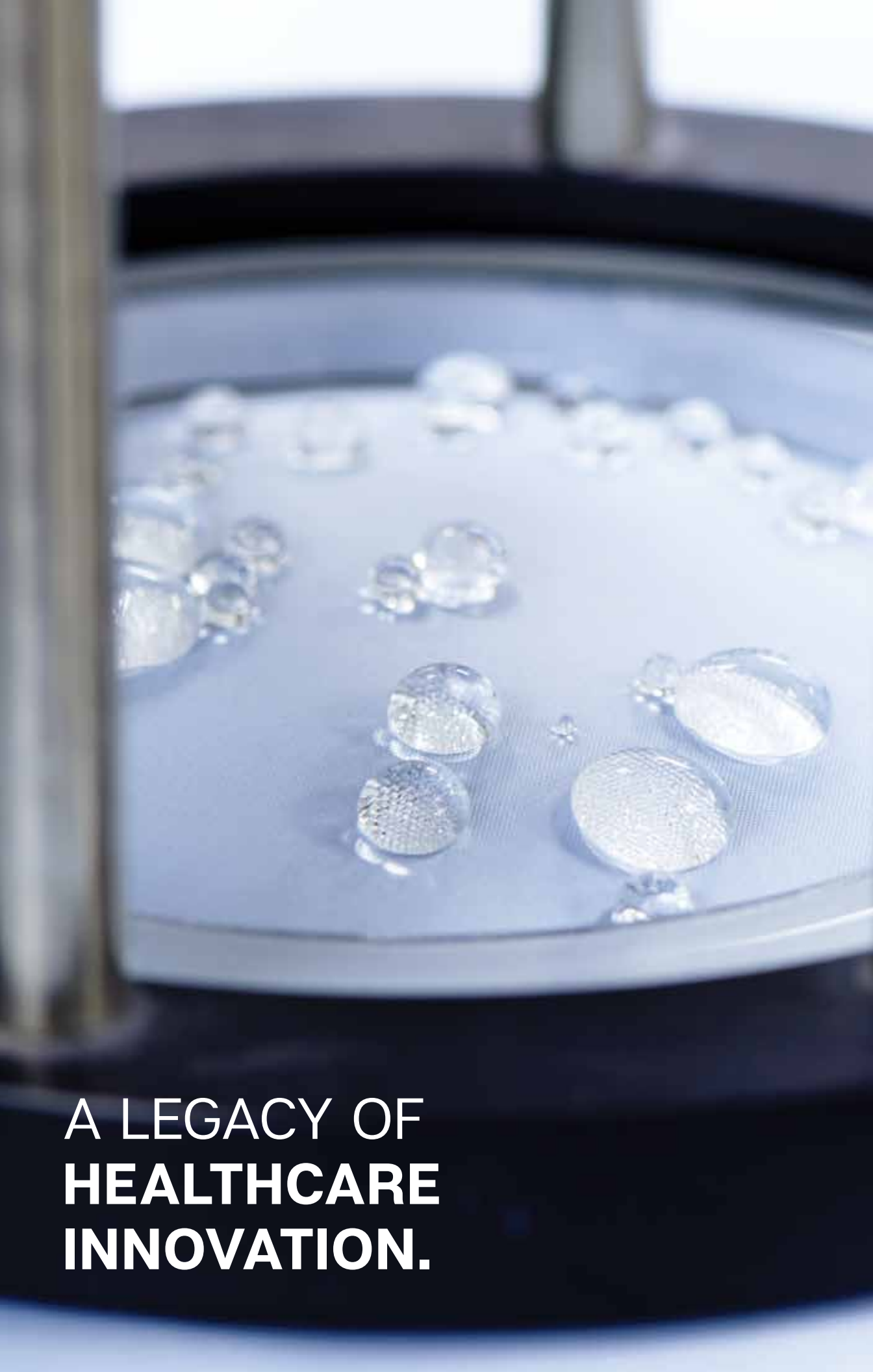


Reduce water usage by **250%–330%**

Lower your supply costs with reusables

In 2018, a 13 hospital healthcare system in Houston, TX transitioned their surgical towels and gowns to reusables and **saved an average of 30% on supply costs.**





A LEGACY OF HEALTHCARE INNOVATION.



Founded in 1940, Standard Textile has developed a culture of innovation, quality, and service. With more than 80 patents, our products are engineered to deliver durability, longevity and value.

Standard Textile is uniquely positioned to meet the textile, apparel, and decorative product needs of the healthcare industry. Our decades of experience give us an in-depth understanding of the challenges you face, and a keen appreciation of the ever-changing nature of your business. That's why we have a strong focus on adding innovative new products and technologies that deliver unsurpassed durability, longevity, comfort, and value.

Standard Textile is the only company in the U.S. with an in-house Research & Development department dedicated exclusively to creating high-performance textiles and apparel for the healthcare and hospitality markets.

Standard Textile is the only vertically integrated textile company serving the healthcare community. Full control over the entire supply chain enables us to ensure superior value, consistent quality, and on-time delivery for you. It also allows us to fully customize our products to best fit your staff, patients, and facility.

We are committed to innovation at every stage of the life cycle—from fiber engineering through finished product to integrated laundry solutions. In addition, our research and development team stays hard at work creating and identifying the next big innovations to help your facility continue along the path to greater sustainability, while focusing on the safety and comfort of your patients and staff.

CITATIONS

1. Overcash M. A comparison of reusable and disposable perioperative textiles: sustainability state-of-the-art 2012. *Anesthesia & analgesia*. 2012;114(5):1055-66. DOI: 10.1213/ANE.Ob013e31824d9cc3.
2. Conrardy J, Hillanbrand M, Myers S, Nussbaum G.F. (2010). Reducing Medical Waste. *AORN Journal*, 91, 717–18. DOI: <https://doi.org/10.1016/j.aorn.2009.12.029>
3. DiConsiglio J. Reprocessing SUDs reduces waste, costs. *Mater Manag Health Care*. 2008;(9):40. PMID: 18972859.
4. Gaskill M. Going green—RNs tackle hospital waste. *Nurse Week*. 2006. <http://www.premiersafetyinstitute.org/wp-content/uploads/2014/08/Going-Green-RN-Tackle-2006.doc>. Accessed October 31, 2018.
5. Kwakye G, Brat GA, Makary MA. Green surgical practices for health care. *Arch Surg*. 2011;146(2):131-6.n. DOI: 10.1001/archsurg.2010.343.
6. Kagoma Y, Stall N, Rubinstein E, Naudie D. People, planet and profits: the case for greening operating rooms. *Can Med Assoc J*. 2012;184(17):1905-11. DOI: 10.1503/cmaj.112139.

COMPEL® BARRIER TECHNOLOGY



PROVEN PROTECTION AND COMFORT.

Standard Textile's innovative ComPel® technology incorporates a patented continuous filament synthetic construction that repels liquids even as it allows moisture vapor to pass through. ComPel® fabrics, combined with our sophisticated manufacturing and finishing technologies, protect healthcare professionals and their patients while maximizing comfort and cost efficiency. ComPel® gowns, wrappers, drapes, and covers provide healthcare professionals the ultimate performance in breathable, reusable, liquid-resistant products.

- 100% synthetic.
- Lightweight, latex-free and virtually lint-free.
- Class I Flame spread.
- Demonstrated cost savings versus disposables.
- Integrated QCM grid on all ComPel® products helps track wash/dry/auto-clave cycles to ensure accurate life cycle monitoring and quality control.

COMPEL® SURGICAL GOWNS

PROTECTS YOUR PEOPLE AND YOUR BUDGET.

ComPel® surgical gowns were the first to integrate our revolutionary continuous filament technology, and they've proven themselves over and over again in countless surgical procedures. They deliver an exceptional combination of reliable liquid-resistant protection, wearable comfort, and cost efficiency.





Barrier Level
AAMI PB70 Level 3 barrier.



Eliminates Static
100% synthetic with ESD
(electro-static dissipative) yarns
on the inner ply.



Color Coding
Triple color coding (neck,
cuff, waist) and white inner ply
simplify processing and sorting.



Easy Closures
Snap closure at neck, tape tie
closure at waist.

COMPEL® MLR SURGICAL GOWNS

**RESISTS LIQUIDS.
RESISTS FADING.**

ComPel® MLR surgical gowns represent the industry standard in liquid-resistant protection. ComPel® MLR surgical gowns are the only solution-dyed surgical gowns on the market, ensuring superior colorfastness through repeated processing.

ComPel® MLR gowns are available with Standard Textile's patented circumferentially offset sleeve, and meet AAMI PB70 Level 3 Barrier standards.

Available in sizes L, XL and 2XL.

CIRCUMFERENTIALLY OFFSET SLEEVE SEAMS



PROMAX[®] SURGICAL GOWNS

THE ULTIMATE IN SAFETY AND BREATHABILITY.

ProMax[®] surgical gowns offer the highest levels of liquid-resistant and viral-resistant protection. ProMax[®] is the only AAMI PB70 Level 4 barrier standard gown with a patented dual membrane sleeve and a patented offset sleeve design, which eliminates a direct pathway for strike-through.

Available in sizes L, XL and 2XL.



COMPEL® DRAPES AND COVERS

SMART SOLUTIONS FOR EVERY NEED.

The same barrier technology that distinguishes our surgical gowns is used to produce our functional, reusable drapes and covers. We combine ComPel® fibers with our ComPel® XTR, WrapPel® and ZorWik® fabrics to maximize repellency, fluid control, drapability, and durability.

In addition to an extensive collection of procedure-specific fixed fenestration drapes, we also manufacture an assortment of universal bar, side and foot drapes that can be utilized in a variety of combinations and placements dictated by the preferences of your surgical staff.



“Flap & Snap” Design

Optional “Flap & Snap” design provides the ultimate flexibility for fluid control, instrument cord retention, and securing of various cautery, video, and suction devices.

Easy Placement

Each ComPel® fenestrated drape features a unique “Red-to-head” border for easy placement.

Textured Surface

ZorWik® fabric provides a textured surface near the fenestration to slow liquid run-off.

WRAPPEL® SURGICAL WRAPPERS

THE NEW STANDARD IN WRAPPING SURGICAL PACKS.

Patented WrapPel® SingleWrap® surgical wrappers are the industry's only dual-ply, reusable, liquid-resistant surgical wrappers. Folding, inspection and pack making are simplified and expedited, resulting in substantial savings in labor as well as reduced acquisition costs.

The multi-filament synthetic texturized yarns are virtually lint-free and the ripstop-weave fabric includes ESD (electro-static dissipative) yarns.

Cost Saving

Reduces processing and labor expenses.

Minimizes Inventory

Minimizes handling and inventory requirements.

One Time Wrap

Wrap one time with a single product—no need for separate wrappers.

Six Stock Sizes

Available in six stock sizes:
18" x 18"
24" x 24"
30" x 30"
36" x 36"
45" x 45"
54" x 54"

Color Coded Edges

Two-toned color-coded merrowed edges simplify size identification.

Single Ply Available

WrapPel® wrappers are also available as single ply.



SURGICAL TOWELS

MAXIMUM ABSORBENCY, MINIMUM LINTING.

SofSorb® surgical towels are the industry benchmark for high quality and low linting. Woven with 100% cotton, they are highly absorbent and incredibly soft to the touch.

E★Star® surgical towels are made with a uniquely absorbent synthetic fabric that meets all clinical performance requirements while remaining soft to the touch and low linting. These towels dry quickly, increasing your energy efficiency, and the durable construction holds up well to industrial laundering.

100% cotton PerVal® conventional absorbent surgical towels are also available.



PERVAL®

Traditional absorbent surgical towel.
Hemmed on four sides and singed.



E★STAR®

100% synthetic.
Quick drying.
Hemmed on four sides.

SOFSORB®

Lowest-linting cotton surgical towel.
Vat-dyed and pre-laundered.
Hemmed on four sides.

U.S. PATENT 4,822,667
U.S. PATENT 4,919,998
U.S. PATENT 5,024,851
U.S. PATENT 7,752,680
U.S. PATENT 4,991,232
U.S. PATENT 5,464,024
U.S. PATENT 6,374,828

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