

## ***Advantex FAQ's (1)***

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## Why was Advantex designed for single use?

Single-use microfiber mops eliminate cross contamination and/or cross-contamination of residual organic matter. This maximizes-

- Patient Safety
- Employee Safety
- Operational efficiencies; and
- Provides an improved layer of Infection Control

## How does Advantex compare to other disposable technologies?

Advantex is first in class for single-use technology-

- Provides 95% release of disinfectant and/or detergent solution so that your solution is on the floor and not in the trash or laundry.
- Is compatible with all disinfectants and will not neutralize a disinfectant, which means that the solution you deliver is always correct.

## What is the advantage of Advantex technology over re-useable floor mops?

Patient and Employee Safety-

- Cross contamination is eliminated with a new clean mop every time.
- Employees do not have to handle a potentially contaminated re-laundered mop.
- Disinfectant mopping solution remains active and is not neutralized.
- Disinfectant cost savings with more active disinfectant on the floor and without any returning to the laundry. A re-useable floor mop holds more disinfectant than it delivers on the floor, thus wasting cleaning/disinfectant product.

Operational and Training Improvements-

- Streamlines current work flow by eliminating the laundry process.
- Disinfectant cost savings since less disinfectant is required by the Advantex technology.

## What is the advantage of Advantex technology over current competitor's single use products?

Disinfectant Safety means patient and employee safety-

- Geerpres' proprietary technology provides a mop that will not react with and neutralize a hospital's disinfectant product.
- Other brands of single use products will react with and neutralize the disinfectant which means no, or less disinfectant is going onto the floor.
- Advantex provides 95% release while the other brands are less than 80%.
- Inventory visibility and process control on mop usage.
- No "lost" mops or replacement charges for laundered mop services.

## Why is Advantex single use floor mops preferred over laundered microfiber mops for infection control?

### Assured no risk of cross-contamination of pathogens

- Single use means new every time
- New undamaged and laundered microfiber provides assured superior performance every time.
- Proper disinfection will kill bacteria on floor in addition to removal of bioburden.
- Disposal is easy following established protocols

### The Laundered Process effects: Patient Safety, Employee Safety & Floor Safety-

- Laundry is an additional layer of complexity requiring management, training and supervision of the launderer and laundry process.
- Recent Publications and studies indicate that laundered microfiber mops are damaged by the laundering process which reduces their performance characteristics.
- Recent Publications indicate that laundry items are contaminated after laundering.
  - Employees handle the linens and laundered mops without gloves.
- Recent microbiological studies indicate that 40% of laundered mops can be contaminated with mold spores, *C. diff.*, MRSA and even e-coli which is the easiest of all bacteria to kill.
  - The presence of e-coli indicates that even the simplest disinfection procedures are not being followed in the laundering process.
- Laundry process falls outside of Infection Control to monitor, control or establish protocols.
- There is no guarantee or system in place that process controls are being followed in the laundering process.
  - Launderers do not run spot check microbial tests on “clean” laundry.

## Why are Advantex Single Use mops so thin?

### Designed for Maximum Solution delivery

- Looking closely, you’ll notice the Advantex mop is multi-layered with a proprietary center core that releases 95% of all solution.
- This unique core allows Advantex to be lighter and thinner.
  - Absorbency and application are the focal points versus a heavy mop that doesn’t release.
- This proprietary center core enables the Advantex mop to deliver over 30% more solution than a heavier thicker single use mop.

## Why is Advantex different from other microfibers?

### Not all microfibers are created equal-

- Microfiber is known to be the best fiber in the world for cleaning and removal of micron sized materials that include bacteria, spores, and viruses.
  - Most microfiber will neutralize disinfectants
  - These bacteria, spores, and viruses can remain viable throughout the process and possibly re-contaminate the floor.
- Advantex Microfiber Single Use mop construction maintains disinfection efficacy
  - Everything is killed on the mop and there is no cross contamination.

## Will the Advantex floor mops lint and/or shed?

### No, they will not-

- Microfiber is one long strand that due to its inherent structure cannot lint or shed.
- Linting is associated with natural fibers such as cotton and rayon that are many separate pieces making a single thread. Therefore, all natural fibers will lint. Microfiber is one continuous single filament. Even if it is broken it still will not break apart to create lint.

## The mop is changed each time; but what about the main frame and handle?

### The process continuously sanitizes the mop-

- There is no need to sanitize the mop frame since the Advantex technology does not neutralize the disinfectant and each fresh mop will disinfect the contact points each time the mop is pulled from solution or a fresh dry mop is dipped into the disinfectant. The mop handle doesn't come into contact with the cleaning process and the use of gloves will minimize concerns.
- As with any tool, it is recommended that they be cleaned and disinfected when there is apparent visible soil build up on the mop handles and mop buckets.

## How does Advantex costs compare to washable floor mops?

### Advantex is equal on a direct cost basis-

- When you factor in cost of mops; the loss of mops, the laundering process, and mop inventory (in-house, at laundry, in transit).

### Advantex is superior when including indirect cost-

- New mop, first time every time, and never any cross cross-contamination
- Assured disinfectant efficacy for terminal cleaning of critical care, OR and procedural rooms

How many square feet does an Advantex mop cover and will it clean an entire patient room?

Single hospital rooms are moving from 320 sq. ft. to the new standardized 220 sq.ft.-with bathrooms averaging 65 sq. ft.

- The Advantex mop will cover close to 250 sq. ft., which exceeds the new standards.
- The Advantex mop will cover a much larger room if the GPS G7 Microfiber Applicator system is utilized.
- Two mop heads are required for a larger room without an applicator system. However, the second mop will contain enough solution to clean the bathroom floor, typically 65 sq. ft.

What equipment do you suggest being used with Advantex?

Any fluid applicator system will extend the Advantex Single Use mop's area of coverage which can include the GPS™ Microfiber Applicator System.

Why does the Advantex single-use get dirtier than my re-useable mop?

Blue Mops are blue for a reason- The color "Blue" hides dirt -

- White provides immediate visualization and confirmation that the floor is being cleaned.
  - Advantex floor mops are white for the same reason that fragrance is not legally allowed to be in disinfectants. Nothing is hidden
- Color camouflages soils during use and re-laundered stains are more forgiving on a colored blue mop which is why there have been no white mops.

Why aren't Advantex single use mops color coded?

Advantex single use mops don't require color coding-

- Eliminates operational costs with less SKU's.
- Eliminates training to a color designated cleaning system.
- Eliminates laundry sorting.

What is the driving force to consider in adopting the Advantex single use floor mop technology?

Cleaner, Faster, Safer through a simplistic design that eliminates cross contamination and/or cross-contamination of potentially harmful organisms by minimizing complexity to the system.

## What is the operational impact of Advantex single use mops for training and productivity?

Improved, consistent disinfection and/or cleaning of the floor since the mop delivers more product with the correct efficacy for use as it was intended every single time.

- Eliminates any mystery about quality and efficacy of a laundered mop.
- Reduced training time results because it is a simple system to use.

## What is the operational impact and employee safety by using Advantex?

Advantex is a drop in and go system that is easily adopted due to the complexity that is removed from the system.

- No laundry processes, color coding, larger storage
- No infection control concerns by the employee
- Ergonomic design and less weight throughout the shift.
- More space on the supply cart with lighter cleaner design
- Less trash weight since the single use mops remain light and will not hold onto residual liquid.

## Should our hospital be concerned with the environmental impact of Advantex Single Use floor mops?

Yes and No, but No for Advantex Single Use Mops

- Yes, you should always include all products, processes and habits in the hospital's environmental footprint.
- No, for Advantex since the mop
  - Is lighter weight than all of the other current major suppliers with less than 5% remaining solution going into the environment.
  - Eliminates water, chemical, and energy used in the laundering process.
  - Requires much less energy and processing in its production.

## What operational training changes will be required by adopting Advantex single use floor mops into current Infection prevention protocols?

Overall training reduces steps and dependencies which makes it well received and implemented due to its simplicity of eliminating the laundry process, color coding, and providing immediate visual confirmation of a white mop that the floor is being cleaned. Cleaner, Faster, Safer....

## Is laundered microfiber, cotton and other similar mops and wipes compatible with hospital disinfectants?

No. Multiple publications including one by Ecolab describe the impact on mops, wipes and cloths on their ability to render disinfectants useless.

- Re-useable microfiber, cotton and other microfiber products will bind and therefore neutralize a disinfectant. In many cases this can be immediate.
- Advantex proprietary microfiber design and construction was developed to be compatible with all disinfectants and detergents.

## Why has the floors in healthcare been overlooked?

The immediate impetus has been on the obvious high touch points in healthcare and the impact of the floor is only just beginning to be understood.

### The disposable glove and high touch revolution.

- To address those concerns, healthcare adopted protocols requiring wearing disposable gloves, gowns, masks, and shoe covers in critical care areas to be cleaned; for example, pharmaceutical compounding or rooms with bacterial or viral contamination.

### Floors and their underappreciated contribution to HAI's

- The healthcare floor is the “Only” continuous structure throughout any facility. It can never be cleaned entirely at once which is why when one portion is cleaned; two hours later it may be back to the previous level of contamination.
- The is due to-
  - the little non-skid socks that patients wear and then get back into bed
  - the wheelchairs, canes, shoes that easily have hand contact
  - or the wheel traffic of beds, carts, equipment, etc.

### Consider the floor to be the “skin” of a hospital.

- Considering the analogy that like our skin, the hospital floor, must be properly maintained to be healthy and allowing the resident healthy flora to out compete the pathogens under normal conditions.
- The importance of healthcare’s “skin” is gaining recognition in that even though it is re-contaminated, the surface must be well maintained and cleaned regularly to provide a cleaner, safer environment that can only be attained using a single-use non-contaminated mop with proven efficacy, that eliminates one of the growing vectors
- A laundered mop is not a sustainable practice, having a 40% chance of cross contamination by re-introducing a pathogen.