INVISIBLE HAZARDS. ARE YOU AT RISK? CONSIDER THE FACTS.
Every Central Service department and Operating Room wants the right mix of rigid containers and wrapped trays to achieve the best protection from infection for their patients.

There are, of course, many considerations that go into that decision, including:

- Clinical Efficacy
- Efficiency and Ease of Use
- Cost and Value
- Environmental Impact

**Are your containers as safe as the day you purchased them?**

While rigid containers have long been a CS and OR staple, they may not be providing the security you think.

**Over time, rigid containers often develop hard-to-detect breaches in barrier that can allow contamination of instruments.**

We know you have options when it comes to sterilization packaging. Consider all the facts as you make your decision.
HALYARD* Sterilization Wrap
- HALYARD* Sterilization Wrap delivers the best of KIMGUARD* fabric technology every time.
- HALYARD* Wrap fabric provides a barrier of thousands of microscopic fibers in multiple complex layers to block bacterial penetration.
- Our exclusive POWERGUARD* Technology traps bacteria trying to penetrate the fabric.
- Plus, the breach indicator feature on our QUICK CHECK* Wrap and SMART-FOLD* Wrap makes inspection faster and more reliable than ever.

Inspection Process
- Inspection is easy in CS and OR. Simply hold each sheet of wrap up to the light to check for any damage.

Rigid Containers
- Rigid containers can fail over time due to age, improper handling and mechanical stress.
- Containers have no breach indicators, making barrier defects difficult to detect.
- All of the container components (top, bottom, filter, lock) must function as a unit in order to maintain sterility.

More than 80% of rigid containers tested were considered non-sterile due to barrier defects according to a study published in the American Journal of Infection Control.¹

Rigid Container Inspection Process
- Each rigid container must undergo a series of inspection steps — in the OR, during decontamination and again during the prep and assembly process.
- The following items should be inspected, and damaged items repaired or replaced after each use²:
  - Gaskets and seals
  - Filters or valves
  - Retention plates
  - Latching mechanism

80% contaminated
EFFICIENCY AND EASE OF USE. KNOW THE DIFFERENCE.

HALYARD* Sterilization Wrap
- It takes less than 2 minutes to wrap a tray with HALYARD* ONE-STEP* Sterilization Wrap.⁴
- And now SMART-FOLD* Sterilization Wrap makes the wrapping process twice as fast.
- Inspection is easy — simply examine each sheet of wrap for a potential breach in barrier in the CS and OR.

Rigid Containers
- On average, it takes more than 40 minutes for disassembly, automatic washing, re-assembly and inspection of a rigid container.³
- Rigid containers require a great deal of storage space in decontamination and utilize washer capacity.
- Rigid containers can cause a messy backlog in a CS department.
- Rigid containers increase the overall weight of a tray, which can affect drying time.

COST AND VALUE. KNOW THE DIFFERENCE.

HALYARD* Sterilization Wrap
When you do the math, HALYARD* Wrap is a very cost-efficient choice.
- No indicator cards, filters or locks to purchase
- No ongoing costly repair
- No cleaning costs
- No labor costs to disassemble, wash, re-assemble and inspect
Multiply the per-use time savings for wrapped trays by your labor rate, and the impact is dramatic.

Rigid Containers
Rigid containers are not a one-time expense, but require continuous investment during their use.
- Annual maintenance
- Replacement of lids and gaskets
- Disposable parts such as filters, locks and indicator cards
- Cost to operate washers
Increased labor costs to disassemble, wash, re-assemble and inspect.
Examine your rigid containers. Then examine the alternative.

Beware of invisible hazards that can cost you and your patients.

HALYARD* Sterilization Wrap
- Single-use HALYARD* Wrap requires no incremental water and energy for washing or use of detergents and other cleaning chemicals.
- HALYARD* Sterilization Wrap is manufactured in the United States in 99.8% landfill-free facilities.
- Our BLUE RENEW* wrap recycling program keeps wrap out of the landfills and can boost your facility’s green profile.

Rigid Containers
Rigid containers are a resource-intensive sterilization method.
- An average tunnel washer cycle uses more than 92 gallons of water; a batch washer uses over 138 gallons.3
- The energy used to power the washers for rigid containers generates unwelcome greenhouse gases associated with global climate change. The use of surfactant, detergents and other cleaning chemicals can harm the environment.

ENVIRONMENTAL IMPACT. KNOW THE DIFFERENCE.