

Beyond Polyurethane. One of a Kind

Not all coated fabrics perform to consistently impress. Ultrafabrics are crafted to last, as we are obsessed with quality that stands the test of time.

Hydrolysis testing is the most important criteria in determining whether a polyurethane will endure in seating applications found in high-traffic settings such as healthcare and hospitality. The process evaluates the integrity of a coated fabric to resist delamination - cracking and flaking of the surface - utilizing humidity and heat to simulate environmental conditions such as air conditioning, body heat and moisture from perspiration when seated.

Ultrafabrics tests for hydrolysis resistance to both **ISO 1419, Method C** (Accelerated Ageing) and **ASTM D3690-02 Section 6.11** (Hydrolytic Stability).

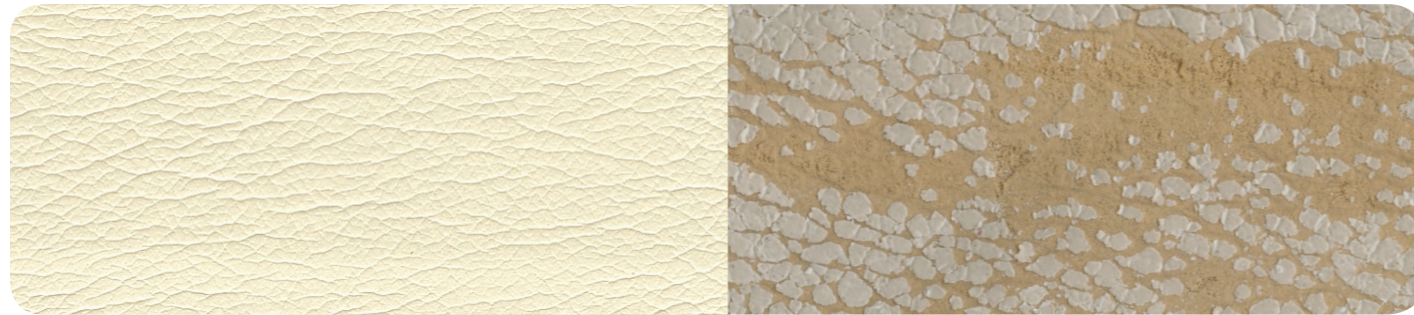
Polyurethane Test Results (ISO 1419 Method C)

Ultrafabrics® Polycarbonate Polyurethane

Average product life: **14+ weeks**
Superior hydrolysis resistance

Low Quality Polyurethane

Average product life: **Less than 5 weeks**
Hydrolysis failure



Note: The number of weeks of hydrolysis testing has no direct correlation to years of service in the field.

Additional information regarding the Safer Chemicals Challenge may be found at HealthierHospitals.org. To address compliance questions you may have, please contact quality@ultrafabricsinc.com.



HEALTHIER HOSPITALS



What is the Healthier Hospital Initiative

Healthier Hospitals, a Practice Greenhealth program, is comprised of member healthcare systems across the U.S. that strive to implement safe and sustainable practices.

As part of the Safer Chemicals Challenge, Version 2, its Healthy Interiors initiative includes the goal that 30 percent of the annual volume of furnishings and furniture purchases (based on cost) eliminate the use of five substances:

Intentionally-added PVC • PFC stain resistant finishes • Flame retardants • Antimicrobials • Formaldehyde

Ultrafabrics and Healthcare

Hospitals are for healing. That is why it's important for us to help provide patients, families and staff with a safe hospital environment.

In our ongoing effort to provide the design community with innovative and safe products, Ultrafabrics currently offers seven collections from our Ultraleather® and Ultratech™ families:



Ultraleather® | Original



Ultraleather® | Pearlized



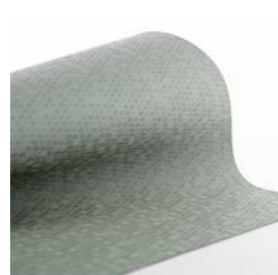
Ultratech™ | Cove



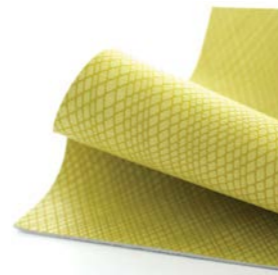
Ultratech™ | Dwell



Ultratech™ | Eco Tech



Ultratech™ | Helix



Ultratech™ | Wired

We will continue to add offerings to this list for use in the healthcare sector without ever sacrificing performance, functionality or aesthetics.

Designers and Healthcare

Every day, patients, families and staff are exposed to a wide array of toxic chemicals in hospitals and healthcare facilities. Their impacts can be significant. Toxic chemicals are believed to play a role in rising chronic diseases and serious conditions. In response to this, hospitals and healthcare facilities across the country are procuring and installing furnishings to meet the goal of Safer Chemicals Challenge.

Intended to spark creativity and influence project ideas. Ultrafabrics strives to help designers be at the forefront of innovation.

Recommended Cleaning Instructions for Ultrafabrics® for Healthcare Applications

- Wipe up spills as soon as they occur
- Clean with soap and water
- Sanitize using disinfectants such as (1:5) bleach/water solution
- For stubborn stains, wipe off with isopropyl alcohol as soon as possible*
- Thoroughly rinse all solution residue with clean water
- Air dry

This information is not a guarantee. Please use all cleaning and disinfecting agents safely and as instructed. The use of other cleaning agents, disinfectants, conditioners or protectants is not recommended as they can degrade fabric's performance and may void Ultrafabrics warranty.

Preferred Cleaners and Disinfectants for Ultrafabrics® Polyurethanes

Ultrafabrics engineers high-performance polyurethane materials utilizing proprietary Takumi™ Technology that includes premium quality polycarbonate resins in our manufacturing process. This ensures we stay ahead of the cleaning and disinfecting challenges faced by lesser quality polyurethane constructions, and withstands the various cleaners and disinfectants essential for keeping high-traffic environments clean and sterile.

Below is a list of cleaners and disinfectants that have been tested on Ultrafabrics materials with passing results when cleaning guidelines are followed as directed*:

ALCOHOL-BASED CLEANERS & DISINFECTANTS	BLEACH-BASED DISINFECTANTS	HYDROGEN PEROXIDE BASED DISINFECTANTS	QUATERNARY-BASED DISINFECTANTS
<ul style="list-style-type: none"> • Fantastik® • Formula 409® • Isopropyl/Rubbing alcohol (70%) • Veridien Viraguard® 	<ul style="list-style-type: none"> • 1:5 bleach/water solution • Clorox® Dispatch® Hospital Center • Clorox® Germicidal Bleach • PDI® Sani Cloth® Bleach 	<ul style="list-style-type: none"> • Ecolab® Oxycide™ • Hydrogen Peroxide (3%) • Virex® TB • Virex® II 256 • Virex® 5 • Virox® Accel® TB Wipes 	<ul style="list-style-type: none"> • 3M™ Neutral Cleaner 3L • 3M™ Neutral Quat 23L • Biotrol™ Birex® • Clorox® Disinfecting Wipes • Ecolab® Asepticare® TB + II • Ecolab® Discide® • Lysol® Disinfecting Wipes • Metrex™ CaviCide™ • Metrex™ CaviWipes™ • PDI® Sani-Cloth® Plus • PDI® Super Sani-Cloth® • Steris Coverage Plus Germicidal Wipes

*Do not saturate/soak material with cleaner/disinfectant. Rinse with clean water after exposure to eliminate residue. This recommendation will prolong the life of various furniture components (thread, seam, foam, etc.) that can potentially be impacted by cleaner/disinfectant residue.