

## CRYPTON® FAQs

### **Is Crypton a fabric?**

Yes. It is an engineered textile made with pre-tested and approved fabrics with specific fiber and construction requirements to ensure the name Crypton means consistent performance. Approved fibers are permanently transformed with stain and microbial protection through an immersion process, and an impenetrable moisture barrier that protects the fabric from spills.

### **Can any fabric be “Cryptonized”?**

No. All of the fabric Crypton works with must meet specific fiber and construction requirements so they're sure to deliver consistent performance. Before accepting a fabric from their partners' mills for processing, samples go through a rigorous testing process in Crypton's state-of-the-art lab to ensure these requirements are met. It's how they achieve the proven performance Crypton is known for.

### **Is the hand of the fabric affected by the finish?**

No. Crypton has been improving its technology for over 20 years. Crypton's new and advanced 2.0 technology does not affect the look or feel of the fabric.

### **What differentiates Crypton from laminated fabrics?**

Crypton's technology is built into all of their fabrics. They are engineered with an integrated backing that will never separate, permanently enhancing the performance of the fabric. In fact, Crypton's technology is so stable, it has been deemed a solid surface by the EPA. Unlike Crypton fabrics, laminated fabric can delaminate, creating a pocket between the surface fabric and the lining, where moisture can pool, compromising the performance of the fabric and allowing germs to grow.

### **Is Crypton breathable?**

Yes, the patented barrier formula is vapor-permeable, which keeps Crypton comfortable.

### **Can you use Crypton for outdoor applications?**

Crypton Outdoor fabric was developed specifically for outdoor use. It has all the features of Crypton PLUS enhanced anti-microbial protection and UV-resistant fibers, which resist fading for at least 1000 hours.

### **What tests does Crypton pass?**

Crypton is the only fabric that meets or exceeds all of the following heavy-duty requirements: stain resistance, water resistance, abrasion, tearing strength, breaking strength, seam slippage, flammability, and resistance to fungal and bacterial growth. Its performance in the hydrostatic resistance test, which measures the ability of a fabric to resist water penetration when water pressure is exerted over its surface, is off the charts!

**What flammability requirements does Crypton pass?**

All Crypton fabrics pass Cal 117, UFAC, and NFPA 260 as a baseline. If more stringent requirements are desired, they are able to process fabrics to meet Cal 133, IMO RES 16-52A, Boston and New York fire codes, automotive FMVSS302, and aviation FAR25-853. These more stringent specifications must be requested at the point of order to be processed accordingly.

**Can Crypton technology be applied to other commercial applications?**

Yes! Crypton applied their patented “repel and release” technology to outdoor fabrics, home textiles, vinyl, leather, vertical applications, and mattress & bedding.

**Is Crypton easy to clean?**

Yes. Crypton’s exceptional protection from stains, odors, moisture, and mildew makes cleaning a breeze! Liquid spills bead up and can be blotted off with a clean, dry cloth. Most new stains come off with a clean, damp cloth and water. For more stubborn stains, a mild soap and water mixture is very effective.

**Why is it important to use pH neutral cleaners?**

Many cleaners have high alkalinity (soap) levels, and when used on fabric they leave behind a soapy residue that attracts new dirt very quickly.

**Can Crypton be disinfected?**

Yes. Crypton® Barrier Fabric, when used in conjunction with its U.S. EPA-registered Crypton® Disinfectant & Deodorizer, is disinfectable. Since Crypton barrier fabrics have demonstrated their ability to prevent moisture penetration, the EPA has allowed the claim for disinfectability when Crypton Disinfectant & Deodorizer is used according to directions on the label.

**Is Crypton bleach-cleanable?**

Only on certain fiber types. Crypton’s “repel and release” stain-fighting technology, coupled with Crypton’s hospital-grade Disinfectant & Deodorizer, should eliminate the need to subject fabric to the harsh cleaning methods of bleach; however, we know that every facility has its preferred cleaning practices. If the fiber type of your Crypton products are 100% solution-dyed polyester or acrylic, then bleach-cleaning is an option when required.

**What are some of the bacteria and microbes that Crypton protects against?**

Crypton prohibits the growth of molds, like *Aspergillus niger*, and bacteria such as *Staphylococcus aureus*, *E coli*, and MRSA, as well as viruses like HIV and Hepatitis. Crypton’s fabric process also includes chemistry that prohibits bacteria and mold from spreading.

**Can I be allergic to Crypton?**

No. Because Crypton’s chemistry is permanently integrated into the fibers themselves, the chemistry will never wear off, but highly allergic individuals may want to verify use with their doctor. Some Crypton fabrics use acrylic latex in the construction of their moisture barrier, but never rubber latex.

**Does Crypton emit VOCs or have added formaldehyde?**

No. Crypton is third party certified as containing ultra-low or no VOCs. Volatile Organic Compounds (VOCs) can be emitted from products over time into the air, adversely affecting indoor air quality. Crypton technology also does not add formaldehyde to fabrics.

**Does Crypton contain PFOS/PFOA?**

No. PFOS and PFOA are considered persistent organic pollutants (POPs), so Crypton has developed an environmentally preferable C6 chemistry for all of its fabrics that avoids the use of these POPs.

**Can Crypton be recycled?**

Yes. Crypton's performance technology does not affect its ability to be recycled. A common outlet for recycled fabric is shoddy, which is used in making carpet padding and rear parcel shelves in cars.

**Where is Crypton processed?**

Crypton is proud to support American workers and American textile mills. Crypton does all their processing in their state-of-the-art, environmentally responsible facility in Kings Mountain, North Carolina. All research and patented chemical formulations are also developed and made in the USA.

**How wide is Crypton?**

54"

**Is Crypton covered by a warranty?**

Yes, Crypton offers a 5-year warranty on the barrier protection for: Crypton, Crypton Green, and Crypton Outdoor. Please visit [mayerfabrics.com](https://www.mayerfabrics.com) for complete Crypton warranty details.