

LDI interiors™

Sustainable Technology · Limitless Color · Ultimate Performance



Heavy-Duty Upholstery Fabric that's Built To Last

As the furniture industry and end users ask for heavy-duty upholstery fabrics that are also PVC-free they are finding many of the options being introduced to the market cannot stand up to the rigors of everyday commercial use. Common issues are:

- Unacceptable wrinkling or sagging of the upholstery
 - Poor chemical resistance to cleaners and disinfectants
 - Peeling, cracking, or delamination of the upholstery surface
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Founded by chemists and textile engineers, we have a unique understanding of the environmental and health safety impact of a material's makeup and the correlating performance characteristics of those chemicals and additives. EnviroLeather™ is heavy-duty upholstery fabric engineered for tough commercial use and we've addressed these common issues while retaining the advantages of being PVC-Free.

Our ongoing quality control program is second to none. We are able to control the consistency of manufacture through rigorous testing, including chemical resistance, wrinkle recovery, abrasion and scratch resistance. This ensures superior performance every time as we are able to catch problems before they ever reach the field. The result is a well-tailored appearance long after installation and a very small percentage of warranty claims for our heavy-duty upholstery fabrics.

TPE Construction

Every EnviroLeather™ collection starts with an exclusive urethane-based, TPE formulation that was developed to address the health concerns surrounding PVC and to outperform traditional polyurethane faux leather. The result is soft luxurious leather-like material in hundreds of design options that has been proven to work over the last decade.

TPE, or thermoplastic elastomer, is a blend of two or more polymers engineered to impart more elastic properties. There are many different formulations that can be created, each exhibiting different performance properties.

We developed our EnviroLeather™ formulation with superior hydrolytic stability and to withstand heavy traffic and repeated cleaning. We also took care to ensure the product has elastic properties to resist wrinkling in the field so you are able to achieve a beautiful and well-tailored appearance with your furniture and it stays that way long after installation.

Hydrolytic Stability

Hydrolytic stability, as it relates to faux leather is the resistance to degradation when exposed to heat and humidity. Products with poor hydrolytic stability will degrade quickly, resulting in peeling and cracking of the faux leather surface. A material that initially appears durable can quickly age when exposed to heat, humidity and day to day stressors resulting in deterioration much quicker than you would anticipate.

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