

The Guide to High Performance Vinyl Upholstery



RESILIENCE

The faux leather that builds luxury into performance

Superior stain resistance

Phthalate-Free

Soft and supple hand

Exceptional durability

What is Vinyl

Vinyl is the short for Polyvinyl Chloride (PVC), which is the second most utilized polymer in the world today, after Polyester.



PVC is commonly used in a variety of consumer and industrial products including flooring, wall coverings, toys, kitchen utensils, exercise equipment, medical devices, piping, footwear & fashion accessories, to name just a few.

Since the middle of the twentieth century PVC has been used as a coated fabric to create a low cost and durable upholstery material.

Why Vinyl

Vinyl is recognized as a proven performer. As an upholstery material it offers a number of attributes that make it popular.

- * Durable
- * Waterproof
- * Easy to clean
- * Can be produced with a variety of performance enhancements, such as anti-bacterial/anti-microbial protection, flame resistance or outdoor use.
- * Available in a wide-variety of textures and colors
- * Low cost

That all said, conventional vinyl can have a reputation for being stiff and synthetic looking and feeling. In addition, these vinyls may also contain phthalates and other chemical additives, several of which have been shown to pose risks to human health and the environment.

These physical and chemical content drawbacks have become increasingly problematic when specifying materials for public spaces that promote wellness. Today's specification requirements go far beyond the benchmark performance standard of abrasion (double rubs).

They have expanded to include a broader range of performance attributes, such as disinfection and stain resistance, as well as concerns over chemical content and regulatory compliance, which conventional vinyls may not meet.

Past & Present Performance & Compliance Requirements

While vinyl has always been a popular choice for commercial seating because of its durability and ease of maintenance, the demands for increased performance, as well the desire for a vinyl that is safer for human health and the environment, have increased.

Today’s vinyl must meet even more rigorous performance standards, while being more environmentally responsible by eliminating harmful chemicals and strictly adhering to more stringent regulatory and compliance requirements.

Past Performance Requirements	
Abrasion Resistance	✓
Stain Resistance	✓
UV Resistance	✓
Flame Retardant	✓

Present Performance Requirements	
Abrasion Resistance	✓
Stain Resistance	✓
Chemical Disinfectant Resistance	✓
Flame Retardant without FR Additives	✓
UV Resistance	✓

Present Regulatory & Compliance	
Free of Phthalates	✓
Free of Formaldehyde	✓
Free of BPA	✓
Free of Conflict Minerals	✓
Free of Lead	✓
Free of Heavy Metals	✓
Free of Perfluorocarbons	✓
Free of Flame Retardant Additives	✓
Free of Anti-Microbial/Anti-Bacterial Additives	✓
CA Prop 65 Compliant	✓
REACH Compliant	✓
RoHS Compliant	✓
Consumer Product Safety Commission compliant	✓

Resilience: Superior Stain Resistance

Resilience is the vinyl upholstery that builds luxury into performance. It represents the perfect blend of art and science offering elevated aesthetics and seating comfort without the use of harmful phthalates or chemical additives. Resilience is engineered for use in the harshest enviroments.

Resilience Offers

- * Exceptional durability
- * High resistance to commercial cleaners
- * Soft, supple and luxurious handfeel

The Resilience Difference

	Conventional Vinyl		Resilience Vinyl
Phthalates	Typically contain phthalates restricted by CA Prop 65		Free of phthalates CA Prop 65 Compliant
Chemical Additives	Typically contain harmful chemicals additives		Inherent performance, without the use of chemical additives or flame retardants CA Prop 65 & AB 2998 Compliant
Aesthetics	Traditionally solid colors with synthetic leather grain or exotic textures		Enhanced aesthetics, in a wide range of genuine leather or fabric textures and colors
Hand/Feel	Stiff and plastic-like		Soft and supple
Performance	Durable		Durable and able to meet today's cleaning & disinfection requirements

Resilience: More Performance with Less Chemistry

Resilience vinyl meets or exceeds all industry performance standards per ACT (Association of Contract Textiles), making it the preferred vinyl upholstery for specifiers when it comes to harsh environments including:

- Hotels
- Hospitals
- Medical Offices
- Elder Care / Assisted Living
- Restaurants and Bars
- Casinos
- Schools & Universities
- Offices
- Sports Arenas



Resilience: The Responsible Choice for Vinyl

When specifying vinyl ask these questions:

Is the material free of phthalates and other restricted chemical additives?

Resilience vinyls are phthalate free, free of flame retardants and other chemical additives, making them the best vinyl option for human health and the environment.

Is it soft, supple and comfortable?

Performance is only part of the story. Beyond being durable, Resilience vinyls elevate the aesthetics and comfort of the environment in which they are being used.

Does it offer carefree maintenance and stain resistance?

Resilience vinyls are resistant to most commonly occurring stains, both in hospitality and healthcare settings. They are easily cleaned and maintain their beauty even after years of use.

Will the material stand up to frequent cleaning and disinfection?

Resilience vinyls are engineered to withstand most commercial bleach-, peroxide-, quaternary ammonium-, and alcohol-based cleaners and disinfectants without discoloring, cracking or peeling.

Resilience is the clear and clean choice when it comes to specifying PVC upholstery.



Compliance & Transparency

There is complete transparency around Resilience vinyls. Resilience vinyls are compliant CA Proposition 65, CPSC, and other health, safety and environmental standards. Full chemical disclosure is available through third party transparency organizations such as HPD (Healthy Product Declaration) and Toxnot.

