

Key Selling Points for ■ Polyurethane Upholstery

Appearance	Compared to Poly Vinyl Chloride (PVC) upholstery and other hybrids 100% polyurethane (PU) upholstery is the most realistic imitation of genuine leather, with respect to hand, surface feel, and overall appearance. When stitched, gathered, or tufted it actually “breaks” or wrinkles like real leather. Other faux leathers do not have this characteristic.
Long Term Aging	To make PVC upholstery soft and pliable plasticizing oils are added to the formulation. Over time these oils migrate out of the upholstery leaving it brittle, causing it to crack and peel. Because there are no plasticizing oils used in PU upholstery there is no cracking or peeling, and it remains soft and supple for the duration of time it remains on the furniture.
Comfort	Because Polyurethane has more elasticity than Poly Vinyl Chloride it requires less mass to perform equal functions. This results in a lighter weight product that does not succumb to extreme heat or extreme cold, and adapts to body temperatures much quicker. With furniture covered in PU upholstery you don’t experience that initial shock of hot or cold you get with PVC upholstery which absorbs and maintains the existing temperature of its environment.
Hydrolysis Resistant	Hydrolysis is a phenomenon which is the result of heat and moisture causing the faux leather surface to delaminate from the textile backing. This is usually caused by heat and moisture from the human body vs. the amount of time spent on the unit of furniture. Our PU upholstery is designed to withstand a laboratory test of 6 hours in boiling water without delaminating, while maintaining the integrity of the PU surface.
Environmental	Vinyl Chloride is the “VC” of PVC upholstery, and is also a carcinogen. By definition a carcinogen is an agent directly involved in the promotion of cancer or in the facilitation of its propagation. PU upholstery contains no Vinyl Chloride.
Physical Properties	Our PU upholstery exceeds the minimum requirements established by the Coated Fabric and Film Association (CFFA) for Contract grade upholstery. This would include tensile strength, tear strength, seam strength, adhesion, flex resistance, blocking, UV stability, crock resistance and stretch. The CFFA uses ASTM test methods as its guidelines.
Abrasion Resistance	Our PU upholstery exceeds 100,000 cycles of the Wyzenbeek Abrasion test method, using wire screen as the abradant as opposed to the less severe cotton duck.
Care and Cleaning	For common dirt and stains use a soft cloth with mild soap and water or a mild household detergent. Rinse the surface with clear water after cleaning. For stubborn stains use a mild solvent such as Naphtha, 70% Isopropyl/Water solution, or 5:1 Water/Bleach solution. Rinse the surface with clear water after cleaning.

